CHEMIST and DRUGGIST DECEMBER 9, 1944

The
CHEMIST AND DRUGGIST
for RETAILER - WHOLESALER - MANUFACTURER

ablished 1859 28 Essex Street, Strand, London, W.C.2 Registered as a Newspaper

3383
CXLII DECEMBER 9, 1944 Annual Subscription (with Diary) 25 -. Single copies 9d.

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TRADE MARK
brand methophenobarbitone
in epilepsy

'RUTONAL' brand methophenobarbitone, an anti-epileptic with little hypnotic action, is being used increasingly as the routine barbiturate in those institutions and practices in which epileptics are encouraged to regard themselves as normal members of society.

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# FEMERGIN AMPOULES

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**SILATEX**
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**MENSINOLE**

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P.A.T.A

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*Also beneficial for certain eye affections*

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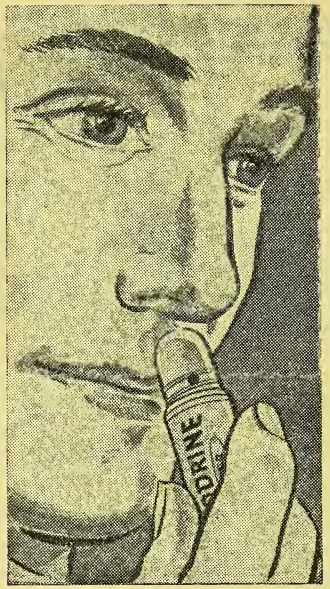


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| Menogland | 2/6 & 8/4 |
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| Paratex | 2/6 |
| Parivitan | 2/6 |
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*Supplied in ampoules of 2 c.c. and Bottles of 10 c.c. and 20 c.c.*

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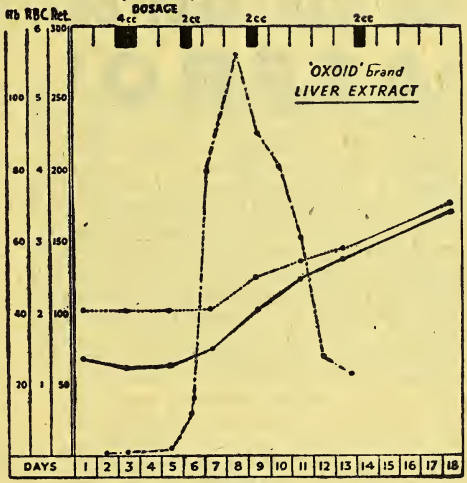
Bottles: 10 c.c. (4/9); 20 c.c. (8/6).




KEY TO GRAPH.

..... *Haemoglobin per cent.*
—— *Red blood corpuscles in millions.*
—·— *Reticulocytes per 100 red cells.*

*Literature supplied on application.*

**OXO LIMITED, Thames House, London, E.C.4**

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ank their customers for their patience and for-earance during these difficult times, and assure em that every effort is being made to supply uickly lines which they have previously purchased.

BE63

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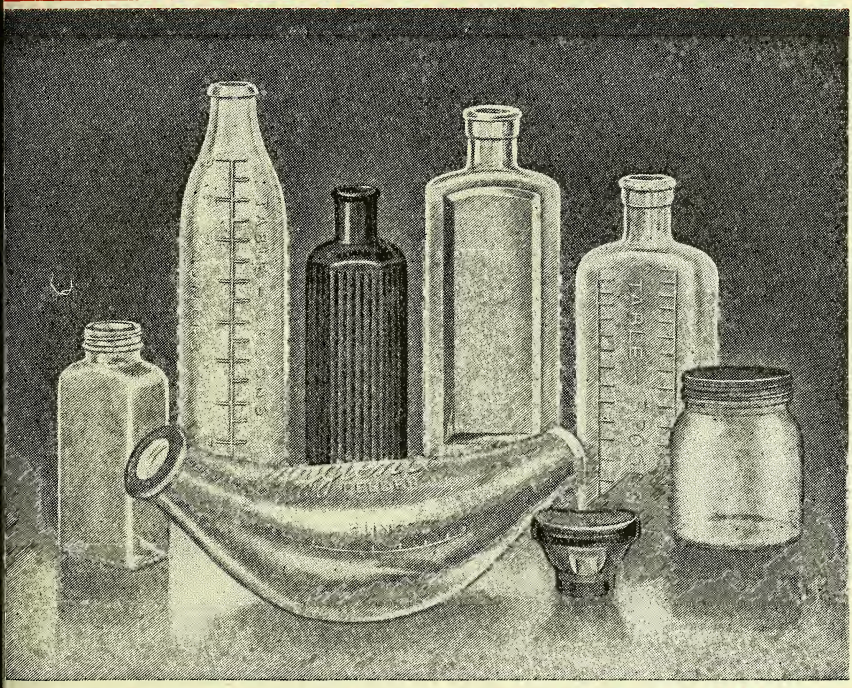

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- CONTINUOUS IN OPERATION
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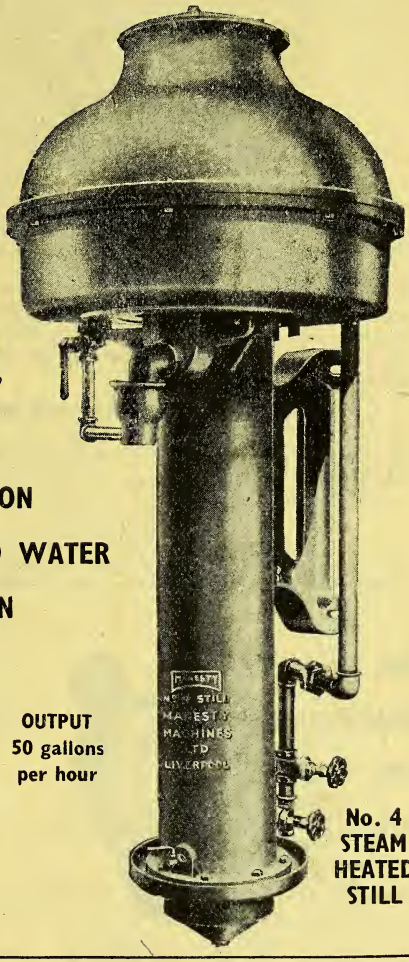

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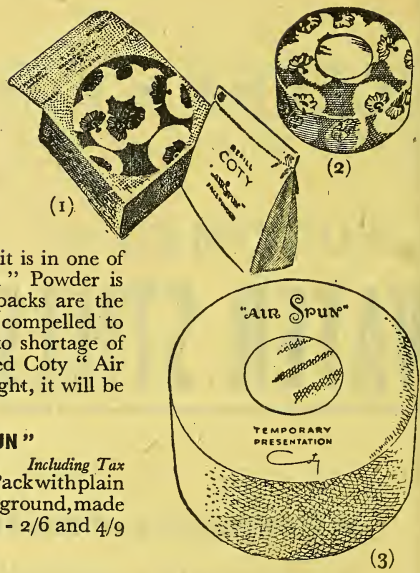
## IMPORTANT ANNOUNCEMENT

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**BRAND** **TABLETS**

**INDICATIONS. Epilepsy** and all spasmodic conditions; **Chorea** and nervous disorders; **Anxiety** neuroses; as a hypnotic in all cases where phenobarbitone is indicated

**ALEPSAL** is issued in **Three** strengths:—

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*Chemists are asked to take careful note of the Three Strengths issued*

# NEURINASE Brand

**SOLUTION** **TABLETS**

Combining Fresh Valerian and soluble Barbitone.

**INDICATIONS.**

As a general Sedative and Hypnotic.

**Insomnia.**

**Nervous Conditions.**

**SOLUTION** is issued in bottles of 3½ oz. Formula: Soluble barbitone, 3·5 g.; liquid extract fresh valerian to 100 c.c.

**TABLETS** issued in tubes of 22.

Formula: Ext. fresh valerian, 1·0 gr.; soluble barbitone, 3·3 gr.; excipient to 6·5 gr

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# NEWS OF THE WEEK

**Aluminium Research.**—The British Aluminium Co., Ltd., has purchased an hotel at Gerrard's Cross, Bucks, for use as a research and experimental building.

**Arachis Oil for Pharmacists.**—The Ministry of Food announces that, as medical practitioners are issuing prescriptions for arachis oil, retail chemists who require an allocation to meet demands of prescription-holders should make application to the Oils and Fats Distribution Officer (address from any Food Office).

**Retail Trade Licences.**—The Board of Trade wishes it to be known that statements to the effect that special committees are to be set up by the Board to deal with applications for retail trade licences are entirely without foundation. The licensing arrangements under the Location of Retail Businesses Order will continue as hitherto to be administered on behalf of the Board by local price-regulation committees, and in the London region by the local retail licensing committee. The Board has asked the British Legion to nominate an additional member to serve on each of the committees.

**Food Labelling Postponement.**—The Ministry of Food announces that, following representations from manufacturers as to the difficulties of obtaining new supplies of labels and packaging material and of disposing of existing stocks, the Labelling of Food Order (S. R. & O., 1944, No. 738) will be amended to come into force as follows: (*a*) ADVERTISEMENTS, other than labels, in which the presence of vitamins or minerals is claimed or suggested: January 1, 1945; (*b*) LABELS: (i) sales otherwise than by retail by manufacturer, May 1, 1945; (ii) sales otherwise than by retail by wholesaler, August 1, 1945; (iii) sales by retail, November 1, 1945.

**South Africans in London.**—A South African Government Mission now visiting this country met members of the London General Export Merchants' Group trading with South Africa and members of the

South African Section of the London Chamber of Commerce at a conference on December 4. The Chamber subsequently entertained the Controller of the Imports and Exports Committee in the Union, and other members, to luncheon.

**Penicillin Gift to Belfast.**—The Medical Research Council has made a gift of penicillin to three Belfast hospitals: the Royal Victoria, the Royal Maternity, and the Hospital for Sick Children.

**Medical Supplies for Eire.**—The Irish Red Cross Society has received a further consignment of medical supplies from the American authorities; it totals 72 tons and includes 4,760 pails of soft soap, 207 boxes of dressings and surgical supplies, nineteen boxes of dental instruments and zinc oxide, eight boxes of steriliser instruments, and a small quantity of multivitamin capsules and cotton wool.

**Gaelic Athletes' Dublin Social.**—A social evening organised by the Chemists' Gaelic Athletic Association Club, and held in Dublin on November 21, was presided over by Mr. P. C. Cahill. The attendance included Messrs. C. J. Cremen (president, Pharmaceutical Society of Ireland), F. X. Meagher, G. C. O'Neill; Mr. and Mrs. J. K. Dargan; Mr. and Mrs. Gilsenan; Mr. and Mrs. McNally, and a full attendance of Club members, including Messrs. Peter Bosney (chairman), Tommy Banks (captain), and Seamus Fox, who acted as M.C.

**Seaweed Collection in Cornwall.**—Women's Institutes in Cornwall have responded to an appeal by the Ministry of Supply for volunteers to collect species of seaweed from which agar is produced. The seaweed is found uncovered on most beaches in Devon and Cornwall only at the spring tides. Women from the Polkerris Institute paddled around the rocks to which the seaweed clings to obtain supplies. Locally the seaweed is known as "laver," "laver bread" or "black butter." It has been gathered from the rocks along the coast for as long as the oldest inhabitants can remember, and when prepared as food is to be found displayed for sale in nearly all the pannier markets. It is especially appreciated with bacon for breakfast, though it is not appetising in appearance.

**Doctors and White Paper Proposals.**—At the annual representative meeting of the British Medical Association, held on December 5, the chairman of the Council (Dr. H. Guy Dain), moving the adoption of the Association's report on "The Futur of the Medical Service," said in no circum stances would they agree to the start o the service until they were satisfied tha it would be the best possible service to th public. That could not be done with th present shortage of doctors. Motions b two branches, urging the postponement o consideration of the White Paper until afte the war, were rejected. Several speaker wanted the scheme rejected outright, bu others took the view that there must be comprehensive medical service. A resolu tion regarding the White Paper proposal as only a basis for negotiations if altere in essential particulars was accepted, a was another resolution which, while wel coming an extension of the panel system wholly opposed a State salaried service The meeting carried a resolution urgin that the administrative proposals in th White Paper, and the form of control the involved, were "inimical to efficiency an progress." The meeting was adjourned.

**Commercial Standards in Pharmacy.**—At a meeting of the Western Pharmacists Association, London, on November 29 Mr. Frank Noble (chairman) presiding, th speaker (Mr. Norman Dewey) dealt wit "Commercial Pharmacy." By means of table he illustrated the division of phar macists into grades, from the entirel professional found in educational an administrative pharmacy, to the pre ponderantly commercial found in whole sale and retail distribution. Measured b the opinion of outside contacts, he con sidered that pharmacists in the latte categories had not acquired the status the deserved. This was because they had faile to build a fair distinction between them selves and others who were purely trader It was necessary to use the same sellin points for pharmacy that were used fo selling a commodity, namely, to show th goods, instil confidence and appeal to th senses and emotions of the public. T attain this end the dispensary should b brought from obscurity at the back of th shop and given pride of place. Seeing th apparatus used and the works of referenc would foster an appreciation of the exten of pharmaceutical training and knowledge The protection of individual interest would always be assured to pharmacist who wholeheartedly supported the Chemists Friends scheme. At the conclusion o the meeting a vote of thanks to Mr Dewey was proposed by Mr. Howar Evans and seconded by Mr. Mauric Healey.

# EMPIRE AND FOREIGN NEWS

**Belgian Congo Quinine.**—A quinine fac-ry near Costermansville, Belgian Congo, ll soon be producing sufficient quinine for e whole of the Belgian Congo and a large portable surplus, according to a report om South Africa.

**Pharmacy School for British Columbia.**—r. G. T. Cunningham, head of a chain of ug stores in Canada, has given a cheque r 10,000 dollars as a contribution towards e setting-up of a School of Pharmacy at e University of British Columbia.

**Penicillin for Switzerland.**—A consign-ont of penicillin has been sent to Switzer-nd in order that an amateur international otballer, Trellow Abegglen, might be cated. An appeal for a supply of the ug was received in this country by the otball Association.

**Canadian 25-bed Hospitals to Receive enicillin.**—Canadian physicians have been otified that a limited amount of penicillin s been made available in the Dominion general hospitals with over twenty-five ds. A medical advisory committee on nicillin has been set up to assist in a fair stribution.

**Thyroid Scheduled in South Africa.**—the House of Assembly a motion to list poisons dry thyroid and thyroid extract, e active principles of thyroid gland and eir salts, and paraldehyde, was approved. e Minister of Public Health said that thy-id gland formed the basis of many alleged mming preparations; cases of addiction the drug had occurred, and there had so been cases of thyroid poisoning.

**Canadian Retail Drug Sales.**—Sales by harmacists in Canada rose 6 per cent. in e first four months of 1944. Although any items have been in limited supply, ppliers of drug "chains" have shown genuity in producing merchandise from bstitute materials, and in developing w methods of packaging. Reductions in yles, sizes, colours and variety have oved helpful in maintaining the flow of ods to the counters.

**World Health Convention Planned.**—olonel James A. Crabtree, United States rmy Medical Corps (acting director of the nited Nations Relief and Rehabilitation dministration's Health Division), said at recently held Press conference that the ouncil had been recommended to call n international conference as soon as ossible to amend existing international nitary conventions in accordance with advances in medical science. The draft conventions, he said, would amend the International Sanitary Convention of 1926 (as amended in 1933) and the International Sanitary Convention for Aerial Navigation of 1933 and would be sent to all except enemy signatories of the (original) conventions.

**Jury's Rider at Canadian Inquest.**—At an inquest in Toronto recently on Durwood Freeman, whose death was ascribed by medical witnesses to sulphonamide poisoning, the jury recommended more rigid control and administration of this group of drugs, including public warning of the dangers arising from their indiscriminate use, their prescription only by physicians, administration under medical supervision so far as possible, with release by the physician of only minimum quantities; and destruction of unused quantities after treatment is completed.

**S. A. Discussion on Apprenticeship.**—Resolutions dealing with the extension of the apprenticeship period served in pharmacy was discussed at the conference of the Association of Pharmaceutical Societies of South Africa in Pretoria recently. It was felt that a more thorough knowledge of scientific methods was needed, and that this could only be obtained if apprentices were required to serve four years instead of three. One delegate said he considered the present scientific examination should be written before students began their apprenticeship. If a student took the preliminary science examination the South African Pharmacy Board should hold itself responsible for finding an apprenticeship for him, it was urged. Another delegate advocated a university education for all apprentices, who should be trained to do analytical as well as dispensing and retail service work. It was agreed that a subcommittee of the constituent societies should be formed to investigate present conditions and forward recommendations to the South African Pharmacy Board. A resolution was passed stating that the conference reaffirmed that a chemist and druggist was a person qualified to supply any medicines to the public, that steps should be taken under the National Health Insurance scheme to entrench this right, and that the Association of Pharmaceutical Societies should recommend to the authorities that chemists and druggists should be given a higher professional status and should no longer have to operate under a general dealer's licence.

# ALLEGED OMISSION FROM "CHEMIST'S BIBLE

At Stirling sheriff court, on November 27, William Carnegie, 91 Barnton Street; Norman Alexander Robertson, 32 Barnton Street; Taylors Drug Co., Ltd., 56 Port Street; and Stirling Co-operative Society, Ltd., 5 Barnton Street, Stirling, were charged with having, on prescriptions signed by Dr. David Watson, of Stirling and Glasgow, supplied drugs or preparations to persons, and failed to make the required entry in the register kept by them. The drugs concerned were morphine and cocaine, in small quantities. The solicitor who appeared for the four chemists said the charge was purely technical. There was no question of any wilful attempt to break the law, for had the entries been made in the register the drugs could lawfully have been supplied. Until 1932 there was a percentage limitation, but in that year there was inserted in the regulations a further limitation that any solution or dilution of morphine or cocaine containing any proportion of the drugs was a dangerous drug.

### Prescriptions Not Frequent

Unhappily the new limitation appeared in the same paragraph as one repeating the percentage limitation, and to anyone unpractised in construing Acts of Parliament, it might appear that the paragraph merely repeated the percentage limitation. He had been reliably informed that a prescription calling for a solution or dilution of morphine in an inert substance rarely came before chemists, and none of the respondents had had occasion to address themselves to the point. Respondents had all looked at what they called their "bible"—"their professional book, Martindale"—and were misled by that because they found it told them only to observe the percentage limitation. Defending solicitor suggested that, if there were a conviction, there was little doubt respondents would be called before the Statutory Committee of the Pharmaceutical Society, and that that Committee would take certain disciplinary action. "If the chemist's bible called 'Martindale' has unfortunately erred on this point, is it not desirable that not only your clients but their colleagues throughout the country who rely upon it should be fully informed?" asked the sheriff. The solicitor said he had suggested to the Procurator-Fiscal that something of that sort be done, so that the whole profession in Scotland should be reminded. The sheriff said it was important that Martindale's omissi should be brought to light throughout t whole profession. He did not want pillory respondents, but suggested that t best way to make the matter known to t entire profession was by means of publici The solicitor for the defendants suggest that the matter might be deferred for th point to be explored. "If I am satisfi that proper notification of all chemists the United Kingdom is forthcoming, would be perfectly justified in adopti this suggestion," said the sheriff, w deferred sentence till January 11, 1945.

## PARLIAMENTARY NEWS

**Tooth-paste Prices in Burma.**—The Sec tary of State for India (Mr. Amery) i formed a questioner on November 28 th the fixed prices for tooth-paste in Burr ranged from 7d. to 2s. 3½d.

**Cosmetics on Demobilisation.**—Mr. Walkden asked the President of the Boa of Trade on November 28 whether sufficie labour and materials would be available ensure that every member of the A.T.S W.A.A.F. and W.R.N.S. would receive reasonable supply of cosmetics on retu to civil life. Mr. Dalton: I hope that t supply of cosmetics will be sufficient meet all reasonable requirements from t public and the women's services witho the need for special arrangements.

**Lend-Lease Materials.**—In the House Commons on November 30, the Prir Minister (Mr. Winston Churchill) inform Parliament that agreement had be reached with the Government of the Unit States that, after the defeat of Germa and until the overthrow of Japan, t British Government would continue bring in from America, under Lend-Leas goods required for the prosecution of t war against Japan and for domest requirements; further, that addition quantities of such goods could also imported from America for the manufactu in this country of goods for export. Goo brought in for the latter purpose wou have to be paid for in cash.

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**Fibre-board Containers.**—The Ministry Supply has called attention to the impo ance of conserving fibre-board containe and packing cases for re-use. By so doi firms are helping to maintain the supply containers for their own requirements, a also saving importation of wood pulp.

# TOPICAL REFLECTIONS

## n Ulster President's Survey

By a coincidence, the report of the harmaceutical Society's conference in ondon in your last week's issue is immeately followed by that of the annual eeting of the Ulster Chemists' Association . 594). As no fewer than twelve prosctive Bills were referred to at the opening the new session of Parliament, without formation as to their order of precedence, found it a relief to turn from the detail the London discussion—which was ginning to suggest the old rivalry between e wood and the trees—to a more general ew of the outlook. The survey of the resident of the Ulster Chemists' Associaon (Mr. H. P. Crossin) is marked by a firm asp of perspective. He began with a arning against the complacency into hich some of us may be tempted to lapse the arrival of a decisive victory: "In y opinion the first few post-war years ill be most critical for pharmacy." It ppears that the Executive Committee of e Association has issued a circular to its embers naming the "fundamental rights" be recognised in negotiating any changes. s the president pointed out, discussion on ese lines cannot at present proceed far, iving regard to the contents of the White aper on the proposed National Health ervice for England, Scotland and Wales. his reservation did not, however, lessen e value of his thoughtful address. Most us are realising that the full working any such service as is contemplated will leave a larger proportion of overhead harges to be allocated to dispensing"; nd we shall agree that "remuneration hould not be estimated merely on a time asis, but also on the knowledge, skill and esponsibility involved." In the disclosure hat the Health Advisory Council recently et up by the Northern Ireland Ministry f Health does not include a single practisng pharmacist, there is a lesson for organed pharmacy in Great Britain. Such a olicy is apt to spread by infection, contaion, or an analogous process.

## William Fowlie Hay

We may fittingly turn aside for a moment rom the din of warfare to pay a tribute to he memory of Mr. William Fowlie Hay of berdeen, whose death you record on . 580. Mr. Hay was a pupil at Gordon's olleges, and traced a relationship to Robert Gordon, the founder. When a echnical section was established, he was asked, by a happy thought, to join the Chemistry and Engineering Committee, with supervision of the pharmacy classes. This committee was eventually divided into two, with Mr. Hay as a member of what became the Chemistry and Pharmacy Committee. In the course of a business career which began in 1897 he filled a remarkable number of offices, most of which you have mentioned in your obituary notice. It may be added that at the Aberdeen meeting of the British Pharmaceutical Conference in 1908 he was secretary, and at its successor of 1932 chairman, of the Local Executive; and that when the Aberdeen Pharmaceutical Association, the oldest of such bodies in the country, celebrated its centenary at a dinner in 1939, he had the pleasure of presiding. Those who knew him longer than I did are better qualified to estimate his capacity for work and his attractive modesty. His life will be an inspiration to all who came within full range of his powers.

## Munitions from Salvage

The Directorate of Salvage and Recovery, Ministry of Supply, has issued a statement in which it points out that many important new materials of great value to the war effort have been created by chemists who have utilised salvage as a major part of their process. Probably the largest field consists of combinations of waste paper and synthetic resins, or paper, wood and resins. Some of the laminated paper plastics which were devised as substitutes for metals have actually been found superior to metals, having great strength combined with lightness. Jablo propellers, which are fitted to many types of aircraft, are formed from wood and paper bonded with resins have a breaking strain of 60 tons, while the Mosquito bomber is made of laminated wood and paper. In the pharmacist's field of operations, paper-plastic is used in connexion with many medical supplies. For example, the container for the Oxford vaporiser for emergency anæsthetics is made from this material, which has the valuable result of ensuring safe working in extremes of climate. A magnifying eyepiece for use in surgery and surgical bowls are among other supplies made from paper-plastic. Pharmacists can help by ensuring that all waste paper or cardboard which comes into their possession is given for salvage. The need is as great now as earlier in the war.

***Xrayser***

# COMPANY NEWS

MUSSELL & BARNES (AIGBURTH), LTD. (P.C.).—Capital £2,000. Wholesale or retail chemists, drysalters. Directors not named. R.O. not given.

DAVID MCCUTCHEON, LTD. (P.C.).—Capital £2,000. Chemists and druggists, opticians, etc. Mrs. A. S. McCutcheon, J. Baxter, M.P.S., and Mrs. E. H. Baxter, directors. R.O.: 567 Duke Street, Glasgow.

CANAAN, LTD. (P.C.).—Capital, £1,000. Manufacturers of and dealers in *x*-ray, electro-medical and scientific apparatus, etc. George W. Brown and Winnie Wood, directors. R.O.: 105 Newington Causeway, London, S.E.1.

GEORGINA GRAY, LTD. (P.C.).—Capital, £1,000. Manufacturers of and dealers in toilet requisites, druggists' sundries, etc. Thomas B., Diana M., and Daphne G. Ashton, directors. R.O.: 402 London Road, Portsmouth.

GEORGE STIRLING, LTD. (P.C.).—Capital £500. Importers and manufacturers of and dealers in pharmaceutical preparations, etc. Harry White and Mrs. Tilly Berkley, directors. R.O.: 207 Ingram Street. Glasgow.

STUART CRUMP & CO., LTD. (P.C.).—Capital £3,000. Manufacturing, pharmaceutical and general chemists, etc. Joseph I. Harris, M.P.S., and Getzel Molotnikoff, directors. R.O.: 7 The Pavement, Grove Road, Sutton, Surrey.

D. D. T. PRODUCTS, LTD. (P.C.).—Capital £500. Manufacturers of and dealers in chemicals for pharmaceutical, agricultural, industrial, domestic or other purposes, etc. Directors not named. R.O.: 41 North John Street, Liverpool.

HEATH WILLIAMS, LTD. (P.C.).—Capital £1,000. Manufacturers of and dealers in chemicals, drugs, disinfectants, etc. Alan Brown, George Heath, and David T. Williams, M.P.S., directors. R.O.: 55–61 Moorgate, London, E.C.2.

HARRISON'S ANIMAL PRODUCTS, LTD. (P.C.).—Capital £500. Manufacturers of and dealers in veterinary and general medicines, etc. Alice C. Robertson and Leslie L. J. Harrison, directors. R.O.: 2 Thames House, Queen Street Place, London, E.C.4.

BLISS, MORRIS & CO., LTD. (P.C.).—Capital £1,000. Manufacturers of and dealers in chemical, industrial, toilet, medicinal and other preparations, etc. Directors to be appointed. Solicito Crawley & de Reya, Fenton House, Fe church Street, London, E.C.3.

GAINSBOROUGH (TWICKENHAM), LT (P.C.).—Capital £100. Manufacturers and dealers in aromatic and fine chemica perfumes and essences, etc. Sidney Pollard, M.P.S., David J. A. Webb a Frank M. Matimong, directors. R.O.: Whitton Road, Twickenham.

BEECHWOOD INDUSTRIES, LTD. (P.C.). Capital £500. Manufacturers of and deale in household and toilet requisites, cleansi preparations, drugs, etc. George G. Richar son, Nathan Howard and Mrs. Ann Murray, directors. R.O.: Napier Hous 24–27 High Holborn, London W.C.1.

ANTHONY M. SHERIDAN & CO., LT (P.C.).—Capital £1,000. Retail and whol sale chemists, manufacturers of and deale in cosmetics, dyes, etc. Anthony Sheridan, M.P.S., and Cyril H. Sherida M.P.S., directors. R.O.: Devonshi Chambers, 146 Bishopsgate, London, E.C.

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SOUTH AFRICAN DRUGGISTS, LTD.—Trading profit for the year ended June amounted to £135,927. With adde interest, dividends from subsidiary con panies and other dividends the sum increased to £171,367. From this a deducted directors' fees and provisions f taxation (£67,143), leaving net profit £107,725 (£215,084). Preference dividen absorb £22,000 (same); final dividend c ordinary of 10 per cent. (7½ per cent making 15 per cent. (12½ per cent. forward, £216,086 (£245,362).

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PARTNERSHIP DISSOLVED.—The partne ship between Joseph Edward Salter, M.P.S Ronald Humphrey Salter, M.P.S., an Dora Mahala Constable, 3A Kew Roa Richmond, Surrey, and 109 High Stree Dovercourt Bay, Essex, under the style Salter & Son, was dissolved on August 3 so far as concerns R. H. Salter. The busine at Dovercourt will continue under the sam name and that at Richmond, having bee acquired by Ronald Humphrey Salte under the name of R. H. Salter.

**Bankruptcy Discharge.**—Ronald Er White, M.P.S., 233 Bristol Street, Birming ham. Application for discharge was hear recently. The receiving order was made i 1937. Discharge was granted, subject t twelve months' suspension.

# TRADE NOTES

**No Shortage Now.**—Monsanto Chemicals, d., Ruabon, Wrexham, Denbighshire, aw attention to the fact that phenol is longer in short supply.

**Rat Exterminator.**—Osogood, Ltd., Liver-ol, have introduced Rat-ta-ta rat exter-nator, which is stated to be non-poisonous d harmless to pets. The preparation, ich is a powder, is issued in brightly-toned packets.

**Sole Agency.**—Stafford Allen & Sons, d., Wharf Road, London, N.1, state that ey have been appointed sole distributing d selling agents for D.D.T. insecticide. esent supplies are reserved for military quirements, but inquiries are invited ncerning post-war deliveries.

**Freed from Tax.**—Glaxo Laboratories, d., Greenford, Middlesex, manufacturers Glucodin, point out that purchase tax this product ceased to be charged by the anufacturers and wholesalers on July 10. ock on which purchase tax has been paid ould be sold at a price inclusive of pur-ase tax, but supplies invoiced since ly 10 should be sold at the current tax-e price.

**Anti-colic Feeder Teat.**—The Cannon ubber Manufacturers, Ltd., London, 17, draw attention to their Modern teat r feeding bottles, for which a number of ecial features are claimed. Owing to war-ne restrictions the teats are, for the time ing, rubber-red, but the quality and urability are unimpaired—in fact en-nced. Full details are given in an nouncement in this issue.

**Tax Reduced.**—C. J. Hewlett & Son, Ltd., -42 Charlotte Road, London, E.C.2, nounce that purchase tax on S.B.T. and sterilised solution has been reduced agreement with the Commissioners of stoms and Excise. The effect is to reduce e net medical prices. Fixed retail prices ve now been introduced, and the discount retail chemists has been increased to 33⅓ er cent. The changes came into effect on ecember 1.

**Grasse Works Undamaged.**—C. W. Field, td., Hunts Cross, Liverpool, state that ey have received cabled information from eir principals, Messrs. Payan & Bertrand, rasse, France, that the works suffered no amage during the fighting in that area, nd that it is hoped to resume normal usiness relations with this country in the ear future. Mr. J. Faverjon, who visited this country regularly twice a year before the war, is safe, as are the rest of Messrs. Payan & Bertrand's staff.

**Again Available.**—An announcement relating to Sandoz products, which appears on another page in this issue, states that limited supplies of Femergin ampoules of ergotamine tartrate and Lobeline ampoules of lobeline hydrochloride are again available, and that supplies are obtainable from wholesalers or from the sole distributors, Brooks & Warburton, Ltd., 232 Vauxhall Bridge Road, London, S.W.1. Technical inquiries should be sent to C. Walker, 134 Wigmore Street, London, W.1.

**Fourth Annual Export Ball.**—The export department of Lennard, Lee-Narvill & Co., Ltd., Hull, announces particulars of the fourth annual Lee-Narvill ball, which is due to take place at the Beverley Road Baths, Hull, on December 20. Harold Dawson and his championship orchestra and Elma Crafts Accordion band will provide the music, and there will be a cabaret, musical arrangements, and guest artists. The export department ceremony will take place at 9 p.m., when the managing director will present large keys inscribed "Lee-Narvill" to ladies representing countries in which the company has agents. Tickets are 7s. 6d. each (forces 5s.) and the proceeds are being donated.

## Business Changes

Mr. W. L. Towers, M.P.S., has retired after forty-seven years in business at 10 Railway Street, Chatham, Kent.

Cramlington Co-operative Society, Ltd., has made application for a licence to open a pharmacy at Wideopen, Newcastle-on-Tyne.

C. W. Field, Ltd., manufacturing chemists, Hunt's Cross, have completed negotiations with the Liverpool Corporation to acquire a factory at Speke.

Burnley Co-operative Society, Ltd., has taken over the century-old pharmaceutical business of M. Heaton & Son, Ltd., 119 St. James Street, Burnley.

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Closed on Saturdays.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of The Chemist and Druggist, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the *C. & D.*, 17 Argyle Street, Bath, Somerset.

## BIRTH

JOHNSON.—On November 30, the wife of H. E. Johnson, M.P.S. (Directorate of Medical Supplies, Ministry of Supply), 238 Edgwarebury Lane, Edgware, Middlesex, of a son.

## MARRIAGE

HUGHES — MOORE. — At University Church, Stephen's Green, Dublin, recently, Joseph Hughes, L.P.S.I., Portlaoighise, to Maureen Philomena Moore, Woodenbridge, co. Wicklow.

## DEATHS

BAYLIS.—On November 16, Mr. Arthur Edward Baylis, M.P.S., Claremont, Great Malvern, aged sixty-eight.

BRIDGMAN.—On December 2, Mr. Harry Bridgman, a representative in the London area of Sangers, Ltd., London, aged seventy-one. He had been a member of the company's staff for fifty-five years, and was the senior traveller.

CATLOW.—On November 8, Mr. Harry Catlow, M.P.S., Medical Hall, Llangollen, Denbighshire, aged sixty-one.

FIELDING.—At his pharmacy in Patrick Street, Cork, suddenly, on November 23, Mr. Patrick J. Fielding, M.P.S.I., one of the leading chemists in south Eire. Mr. Fielding, who qualified in 1889, spent the greater part of his business career in his native city of Cork, where he served his apprenticeship and was subsequently manager of a well-known Cork business before founding, in 1905, with other members of his family, the thriving business of Fielding's Pharmacy, 66 Patrick Street. Here one of the largest prescription practices in the area was associated with a flourishing optical department. Mr. Fielding was a Fellow of the Chemical Society, and for many years represented Cork chemists on the Council of the Pharmaceutical Society of Ireland, holding office as president in 1934. Outside his professional and business interests Mr. Fielding was a keen lover of good music and an accomplished 'cellist; he was one of the most active members of the old Cork Orchestral Society. With the death of Mr. Lester a short time ago, and now the passing of Mr. Fielding, Cork city has lost two of its most prominent pharmacists within a month. The news of his demise will be received with widespread regret amongst chemists in many other parts of Ireland. Relatives in pharmacy, to whom sympathy is extended, include his brothers, Mr. Michael Fielding, who was in the business with him in Cork, Mr. Charles H. Fielding (representative in Eire of Parke, Davis & Co.), and a nephew, Mr. W. A. Fielding, Ph.C.

FOX.—On November 28, Sir John Jacob Fox, C.B., O.B.E., D.Sc., F.R.S., aged seventy. Sir John Fox entered the Government laboratory in 1896, became deputy Government chemist in 1929, and succeeded Sir Robert Robertson as Government chemist in 1936. He has held terms of office as president of the Institute of Chemistry and of the Oil and Colour Chemists' Association, and was vice-president of the Institute of Chemistry from 1939–42. He was elected a Fellow of the Royal Society in 1943, and knighted in January of the present year.

GRICE.—On November 18, Mr. Joseph Grice, 37 Aldershot Road, Guildford, aged eighty-one. Mr. Grice qualified as a chemist and druggist in 1887 and as a pharmaceutical chemist in 1889.

HAYWARD.—In action, recently, Lieutenant Norman A. W. Hayward, Royal Marine Commandos, a son of Mr. A. T. Hayward, M.P.S., 25 East Wonford Hill, Heavitree, Exeter, aged thirty.

JOHNSTONE. — On November 1, Mr. Walter Thomas Johnstone, M.P.S., 245 Hainault Road, Leytonstone, E.11, aged seventy-five. A native of Birmingham, Mr. Johnstone qualified in 1896 and managed branches for Day's Southern Drug Co., Ltd., on the south coast and in London before joining Boots, Ltd.

MCENERY.—On November 21, John Dominick McEnery, M.P.S., 28A Victoria Rise, Clapham, London, S.W.4, aged fifty-five.

MURRAY.—At Glasgow, on November 4, Mrs. Grace McMillan Murray, wife of Mr. Robert Murray, M.P.S., 15 Woodville Avenue, Bearsden, Dumbartonshire.

VERRILL.—On November 14, Mr. Robert Verrill, M.P.S., 28A Market Street, Tamworth, Staffs, aged sixty.

## PERSONALITIES

Mr. J. L. Hirst, representing the Liverpool Branch of the Pharmaceutical Society, has again been appointed to serve on the management subcommittee of Liverpool Technical College.

Mr. William B. Dixon, Ph.C., 1A Wordsworth Drive, Sheffield, 5, this year's chairman of the Sheffield Branch of the Pharmaceutical Society, served his apprenticeship with F. Coverdale, York, following which he was for some years with James Woolley, Sons & Co., Ltd., Manchester, and subsequently at the factory of Burroughs Wellcome & Co., London. He also served terms with Roberts et Cie, Paris, and R. W. Greeff & Co., Ltd., London. An illness resulted in his returning to the retail, and his later experience has consisted mainly in managing shops in the industrial areas of Lancashire and Yorkshire. He removed to Sheffield in 1935, and in 1937 entered his present situation with Mr. Victor Wood, M.P.S. Mr. Dixon passed the Minor examination of the Pharmaceutical Society in 1907 and the Major in the following year. He is an active member of the Association of Pharmaceutical Employees, and is now studying foreign languages with a view to becoming acquainted with conditions in pharmacy on the Continent after the war.

## WILLS

Mr. Bertram Simpson, M.P.S., 12 Brinkow Road, Binley, Coventry, left £1,890, with net personalty £1,589.

Mr. Denis Humphrey O'Sullivan, M.P.S.I., Kanturk, co. Cork, left personal estate in England valued at £158.

Mr. Duncan Walker McLaren, M.P.S., Glendevon Place, Edinburgh, left personal estate in Great Britain valued at £2,485.

Mr. Ernest Hodgson Kerfoot, Heathfield, Park Road, Buxton, Derbyshire, manufacturing chemist, left £50,094, with net personalty £39,290.

Mr. Dawson Smith Priestley, M.P.S., 57 Haworth Road, Heaton, Bradford, Yorks (D. S. & H. C. Priestley, chemists, Bradford), left £4,804, with net personalty £2,617.

Mr. Harold Morgan Williams, Red House, Penarth, Glamorgan, a director of F. Sievers & Co., Ltd., manufacturing chemists, Cardiff, left £5,971, with net personalty £5,353.

Mr. William Miller, Norfolk House, Ellon Road, Bridge of Don, Aberdeen, managing director of Miller Manufacturing Co., Ltd., comb manufacturers, London, left personal estate in Great Britain valued at £12,305.

## COMING EVENTS

### Sunday, December 10

Manchester Pharmaceutical Association. Ramble to Greenfield, Castleshaw and Marsden. Meet Exchange Station, 10.30 a.m. Book Greenfield return. Inquiries to W. Edwards, Old Trafford.

### Monday, December 11

Romford Branch, Pharmaceutical Society, Market room, Golden Lion Hotel, Romford, at 7.30 p.m. Discussion on National Health Service.

### Wednesday, December 13

National Pharmaceutical Union, N.E.2 District; Hotel Metropole, Leeds, at 3 p.m. Mr. R. H. Kemp, Ph.C. (local organisations officer), on "Your Business—A Review and a Forecast." (Special district meeting.)

West Ham and Eastern District Association of Pharmacists and Branch, Church Institute, 27 Romford Road, London, E.15, at 7.30 p.m. Professor H. Berry (Dean of the College of the Pharmaceutical Society) on "Preservatives in Pharmaceutical Practice."

### Thursday, December 14

Nottingham Branch, Pharmaceutical Society, Mikado Café, Nottingham, 3–7 p.m. Whist drive and dance.

Pharmaceutical Society of Great Britain, 17 Bloomsbury Square, London, W.C.1, at 7 p.m. Mr. G. W. Scott-Blair, M.A., Ph.D., on "Rheology and the Pharmacist."

Manchester Pharmaceutical Association, Lecture theatre, St. Mary's Hospital, Whitworth Street, Manchester, at 7.45 p.m. Mr. W. Sayle Crear, M.B., Ch.B., on "Some Foot Troubles," illustrated by Technicolor film.

### Friday, December 15

Royal Institution, 21 Albemarle Street, London, W.1., Mr. L. R. G. Treloar, Ph.D. on "Rubbers and Their Characteristics: Real and Ideal."

# PHARMACY IN THE U.S.S.R.

Specially cabled to THE CHEMIST AND DRUGGIST from Moscow

## II.—How Moscow Pharmacies Work

by N. Silberg (Head of the Moscow City Pharmacy Board)

THE Moscow City Pharmacy Board has under its jurisdiction all pharmacies, shops selling sanitary goods and surgical appliances, pharmaceutical laboratories, and a number of subsidiary factories serving the chain of Moscow pharmacies.

### Twenty Million Scripts Annually

Moscow customers make 57,500,000 visits to their pharmacies each year; 19,500,000 prescriptions are dispensed. Each pharmacy is an independent unit; all are equipped with the burette type of table for workers, and dispensers and their assistants have nests of revolving drawers beside them, facilities which greatly increase output and enable work to be done while seated. During recent years, and especially since the war began, the Moscow City Pharmacy Board has increased its efforts to rationalise the dispensing of medicines. A prolonged study of prescriptions led to the production of standard formulas both in factories and pharmacies, enabling pharmacists to fill seventy-six out of every 100 orders immediately on presentation of a prescription. This does not include regular "patent" medicines. Many medicines that were formerly obtainable only in liquid form are now sold in tablets and powders, resulting in great economy in the use of spirits and bottles.

### Medical Co-operation

There is close collaboration between Moscow pharmacies, medical institutions and doctors. Every medical institution and every doctor must know what drugs are available, what is scarce, and what substitutes may be used, so that when the patient receives a prescription he is sure of obtaining his medicine. A special pharmacy bulletin is issued; representatives of the Pharmacy Board report to meetings and conferences of doctors; and managers of pharmacies send daily information to doctors' conferences at clinics, out-patients' departments and other medical institutions within the district served by the pharmacy. Many Moscow pharmacies carry out sanitary educational work. Special posters are shown, talks on prophylaxis are conducted by doctors, and "question and answer" boards, dealing with hygiene, are maintained. The work has proved of great significance in preventing disease. In addition to propaganda work done in the pharmacies themselves, leading pharmacists visit factories, chiefly at workers' hostels and deliver lectures also on questions of hygiene.

The war has wrought many changes in the work of Moscow pharmacies, for, as has previously been stated, the Pharmacy Board has the additional task of supplying military hospitals. Each hospital has been adopted by one of the city pharmacies, and patrons help the wards in dispensing medicines for wounded Red Army men. Branch pharmacies have been opened in defence factories, where workers can quickly obtain the medicines they require. Other complications caused by the war are the difficulty of obtaining supplies and training sufficient personnel.

### Local Production

In 1941 many pharmaceutical factories were evacuated to the East; in this period it was difficult to supply all the needs of the population, so it became necessary to increase local production, and to utilise local resources for drugs. In addition, work inside the pharmacies was reorganised, and students from graduation courses of pharmaceutical schools were called in to help. Great Britain and America provided many drugs, and their help was highly appreciated. As soon as the war broke out, Moscow pharmacies organised first-aid groups—small groups of people capable of rendering first-aid and attached to civil defence units. During air-raids the groups proved very effective; they extinguished incendiaries, rendered first-aid to the injured, and gave medical assistance at the homes of the people. Many pharmacies organised, in their cellars, special first-aid posts attended by doctors and nurses, and these are still maintained. Numerous pharmacists have been decorated by the Government for their work.

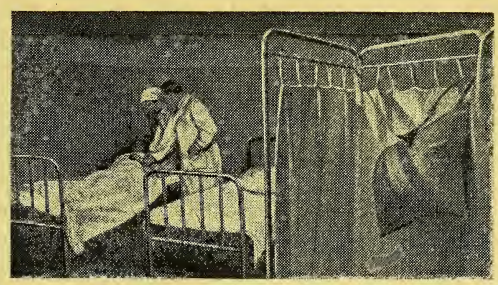
### Pharmaceutical Factories

The Moscow Pharmacy Board has a number of small factories of its own, which are subsidiary to the major plants belonging

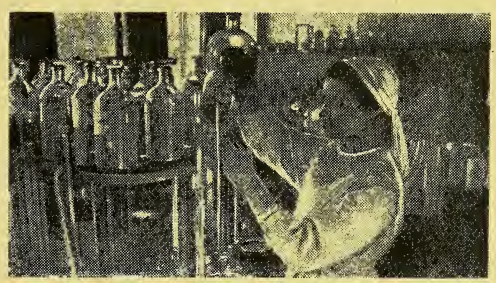
# OSCOW
# HARMACISTS
# T WORK

*tures by*
*ole from*
*scow*

ing up a mixture by the burette method.



First-aid post in the cellar of a Moscow pharmacy.



General view of a dispenser's burette table.

Making ointments in Moscow pharmacy No. 1

sistant at work in a Moscow dispensary.

*Right:* Sister Yegovova rendering first-aid at Moscow pharmacy No. 33.

to the chemico-pharmaceutical industry of the People's Commissariat of Health. By the end of 1944 the Galeno pharmaceutical factory will have produced 55 tons of decoctions, 62 tons of ointments and 75 tons of tablets. The optical workshop will have produced 390,000 lenses and 230,000 frames. In addition to the six million ampoules obtained from the main State factories, the following ampoules will have been produced this year: camphorated oil, 1,500,000; morphine, 350,000; caffeine, 800,000.

The Board has also a building department and cabinet-makers' workshop under its jurisdiction. These carry out manufacture and repair of pharmacy furniture and fittings, repair of buildings, and erection of new premises. A group of specialists worl ing for the Board designs new types fixtures, fittings and furniture for pharm cies, as well as plans and fittings for th unspecialised architecture of pharmac premises. Before the war the Board sent large number of pharmaceutical workers sanatoria and rest-homes every year. Th Board has its own rest-home on the Volg built specially for the pharmacy worke of Moscow. The building is at present bein used as a military hospital, because Mosco pharmacists, like the rest of the Sovi people, are not thinking of holidays present. Their all-out efforts are conce trated on helping the soldiers at the fro and the workers at the rear.

# NOTES ON THE SEVENTH ADDENDUM

SUBSTANCES added to the Pharmacopœia by the Seventh Addendum recently brought to the attention of pharmacists (see *C. & D.*, November 18, p. 530) include:—

AMETHOCAINE HYDROCHLORIDE. A local anæsthetic of the procaine series, first introduced under the name of Decicain, and also known as Anethaine, Pantocaine and Butethanol. The United States Pharmacopœia name tetracaine hydrochloride is given as a synonym. The preparation is directed to be kept in well-closed containers, protected from light. A solution for parenteral use may be sterilised by filtration or by heating with a bactericide, and the containers must comply with the tests for limit of alkalinity of glass.

AMPHETAMINE.—This mobile liquid, known as Benzedrine and Isomyn, is used for raising blood pressure. The rise comes on slowly and lasts for a long period. The sulphate, also official, is readily soluble in water and is the form generally used. The dose of the sulphate is from gr. $\frac{1}{12}$–$\frac{1}{6}$.

CYCLOPROPANE.—An efficient anæsthetic gas, supplied compressed in metal cylinders.

DEXTROSE HYDRATE.—Having the chemical formula $C_6H_{12}O_6H_2O$, this substance is to be distinguished from the anhydrous form, already official as dextrose. The hydrated form is recognised by the U.S.P. as dextrose.

INJECTION OF PROTAMINE ZINC INSULIN.—The ordinary solution of insulin has a transitory effect, involving several injections daily. Hagedorn in 1936 showed that, when protamine is added to insulin solution, the hypoglycæmic action is prolonged; later it was found that the addition of zinc caused still greater retardation of action. The protamines are basic proteins of simp composition obtained from the milt fishes belonging to the family *Salmonid* The use of the preparation now offic involves less danger of severe insulin rea tion, and repetitions of the dose may much less frequent. The official soluti may contain 40 or 80 units per mil; unl a solution of other strength is specified, th containing 40 units is to be used.

ANTICOAGULANT SOLUTION OF SODI CITRATE.—Used for diluting blood, t solution contains $2\frac{1}{2}$ per cent. sodium citra and 0·9 per cent. sodium chloride sterilised distilled water.

SOLUTION OF SODIUM CITRATE WI DEXTROSE.—A 3 per cent. solution sodium citrate in sterilised water is dist buted in quantities of 100 mils in bloc transfusion bottles, and sterilised in autoclave. No solution containing any so particles may be used. A 15 per ce solution of dextrose in sterilised water filtered and sterilised in an autoclave. F use, 20 mils of the dextrose solution added to each 100 mils of the sodium citra solution.

ŒSTRADIOL MONOBENZOATE.—A known as dihydroxyœstrin monobenzo and œstradiol benzoate, this œstrogen prepared for subcutaneous or intramuscu injection by solution in a suitable oil ester previously heated to 150° C. for c hour. The dose is gr. $\frac{1}{600}$–$\frac{1}{12}$, i.e. 1,000 50,000 units.

ŒSTRONE.—The first œstrogen to isolated in pure form (in 1929 by Doi who called it Theelin). A keto derivati it occurs in human and mare pregnan urines, stallion and male human urin The dose is gr. $\frac{1}{600}$–$\frac{1}{6}$ (i.e. 1,000 to 100,0

its) given by the mouth or by subcu-
neous or intramuscular injection.

SOLUBLE PENTOBARBITONE.—Official in
e U.S.P. as pentobarbital sodium. It
st came into pharmacy under the names
mbutal and Embutal. The official dose
iven as gr. $1\frac{1}{2}$–3.

POTASSIUM SULPHATE.—Official in the
P., 1914, and reintroduced as a diluent
Dover's powder, in place of lactose.

PROGESTERONE.—Also known as Pro-
stin, this hormone may be prepared
om the corpora lutea of the ovaries of
ws or from stigmasterol, a sterol found
soya beans. The dose (subcutaneous
intramuscular) is gr. $\frac{1}{60}$–$\frac{1}{12}$, i.e. 1 to
nits.

STROPHANTHIN-G.—A crystalline glyco-
e, official in the U.S.P. as ouabain, and
tained from the seeds of *Strophanthus*
*tus* and from the wood of *Acokanthera*
*himperi*. It is stable in air, but affected
light. The intravenous dose is gr. $\frac{1}{500}$–
, the solution being sterilised by filtra-
n or in an autoclave. Strophanthin-G is
re powerful than digitoxin, and possibly
re rapid in its effect.

THEOPHYLLINE WITH ETHYLENEDIAMINE.
First introduced under the name Euphyl-
and also known as Metaphylline and
inophylline. The official preparation con-
ns from 71·5–78·5 per cent. theophylline
d from 11·8–13·2 per cent. ethylene-
mine; the compound is soluble 1 in 5 in
ter, theophylline itself being soluble only
n 120.

SOLUBLE THIOPENTONE.—The soluble
m of Pentothal. It differs from sodium
atobarbital in that the oxygen of the urea
oups is replaced by sulphur. Similar in
ion to the barbiturates, it is extremely
id in effect. The preparation is a mixture
thiobarbituric acid, 100, and exsiccated
lium carbonate, 6, and must be kept in
atmosphere of nitrogen in sealed tubes;
a cool place; and protected from light.
e intravenous dose is gr. $1\frac{1}{2}$–5, and the
ution is made by dissolving the contents
a sealed container in the requisite amount
sterilised water for use immediately after
paration.

## e Sulphonamides

The results of sulphonamide treatment in
tain bacterial infections have caused
emists to introduce modifications of the
ginal substance in the hope of finding
npounds that will cure cases which are
t affected by the original, and which are
atively free from undesirable side-effects.
er 1,300 such compounds have been
synthesised, and a few have been introduced
into the Addendum:—

SULPHACETAMIDE.—This and its soluble
form (a sodium compound) were introduced
under the name Albucid. The dose is
gr. 8–30. It is said to have a low toxicity.

SULPHADIAZINE.—This and its soluble
(sodium) form are also less toxic than most
members of the group, and are especially
useful for obtaining a higher concentration
in the blood stream than is otherwise pos-
sible. Dose: gr. 8–30.

SULPHAGUANIDINE.—Soluble 1 in 1,000
in water but not readily absorbed by the
alimentary canal, and thus providing a
means of securing a concentration in the
intestines with but little appearing in the
blood, properties which have suggested its
use in bacillary dysentery. Dose: gr. 8–30.

SULPHAPYRIDINE.—This and its soluble
(sodium) compound are also known as
Dagenan, M. & B. 693, and Eubasin. The
substance is effective against pneumococci,
but much less effective against streptococci
and meningococci; it may also have un-
pleasant toxic reactions. Dose: gr. 8–30.

SULPHATHIAZOLE.—This and its soluble
(sodium) form were introduced as Ciba
3714 and M. & B. 760. They are easily
absorbed from the alimentary tract and
more readily eliminated than sulphanila-
mide, so that it is sometimes difficult to
maintain an adequate concentration in the
blood. Dose: gr. 8–30.

## Tablets

The three usual methods are given for
the making of the granules, so that they run
through the compressing machine readily.
The tablets may be either compressed or
moulded. To ensure that they readily
disintegrate, disintegrating agents and lubri-
cants may be used to prevent sticking to the
punches and dies. Limits are given for
deviations from the given weight. Labels
on the containers should state the name of
the tablets and the quantity of the active
ingredient or ingredients in each tablet,
except when the tablets are supplied on
prescription.

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**What the Doctor Certified.**—A woman
who, at Ipswich recently, was summoned
for failing to comply with a Ministry of
Labour direction to work at a sugar-beet
factory, produced a doctor's note, which
the magistrates' clerk could not decipher.
He handed the certificate to a pharmacist
member of the bench, who revealed that
the doctor had certified the defendant to
be suffering from a cold in the head.

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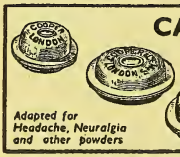
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Tel.: Reg. 4454 & 4207


## INFORMATION WANTED

*Information with respect to suppliers of undermentioned will be appreciated:—*

CC/29. Modern Miss Shields, Ltd., makers of Luna sanitary inserts (present address).
HK/30. Hormotropine (makers).


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*ficial organ of The Pharmaceutical Society of land, The Pharmaceutical Society of Northern land, The Chemists' and Druggists' Society of land and of other Chemists' Societies in the Empire*
OL. CXLII DECEMBER 9, 1944 NO. 3383

*he fact that goods made of raw materials short supply owing to war conditions are vertised in this paper or described in its itorial columns should not be taken as an dication that they are necessarily available r export.*

## A Dangerous Drugs Pitfall

is not open to us to comment on the oceedings in an action against four pharacists in Stirling (see p. 602), seeing that e postponement of the Sheriff's decision til January 11, 1945, renders the case ll *sub judice*. In view, however, of the eriff's statement in adjourning the oceedings, "if, after a continuation I am tisfied that proper notification of all emists in the United Kingdom is forthming, I would be perfectly justified in opting this suggestion" (i.e. a suggestion the defending solicitors that the matter ight be deferred in order to explore the ssibility of making the matter known the entire profession), we feel it is incumnt upon us to remind pharmacists, not ly in Scotland, but throughout Great itain, of the precise position regarding lutions of morphine and cocaine in inert bstances.

Under the Dangerous Drugs Act, 1920, e drugs to which Part 3 of the Act cocaine, morphine, etc.") applied were norphine, cocaine, ecgonine and diamorine (commonly known as heroin) and eir respective salts and medicinal opium, d any preparation, admixture, extract, or other substance containing not less than one-fifth per cent. of morphine or one-tenth per cent. of cocaine, ecgonine or diamorphine." This provision, however, was superseded in the Dangerous Drugs Act, 1932, which substituted for the paragraph just reproduced the following amended wording: "any solution or dilution of morphine or cocaine, or their salts, in an inert substance, whether liquid or solid, containing any proportion of morphine or cocaine, and any preparation, admixture, extract or other substance (not being such solution or dilution as aforesaid) containing not less than one-fifth per cent. of morphine, or one-tenth per cent. of cocaine; or of ecgonine."

Thus it is clear that any solution or dilution of morphine or cocaine, or their salts, in whatever proportion, however minute or even infinitesimal, "in an inert substance, whether liquid or solid," is a drug to which the provisions of the Dangerous Drugs Act apply, and these provisions include, of course, the necessity for making an entry in the Dangerous Drugs Register.

## Advisory Directors

SOMETHING of an innovation in the direction, if not in the control, of public companies was agreed to recently by the shareholders of one of the leading industrial undertakings in the country, when they unanimously approved the appointment of five "special directors." The new appointments comprise the executive chiefs of the industrial, commercial and financial sides of the business. The duties of the "special directors," it seems, will be to act in an advisory capacity, and their responsibility to the shareholders will be strictly limited. They will not be eligible to attend board meetings of the company, except on specific invitation.

The success of the experiment will be in the practice rather than in the theory. In theory this contact on level terms of directorate and management executive should provide the directors with expert advice on all matters relating to the business of the company, although it may be assumed such information has always been at their disposal. It should, on the other

hand, give the "special directors" an insight into the functions and difficulties of their directors, and it should lead to mutual understanding and a broadening of interest and knowledge in the business by all concerned. The new appointments will, no doubt, also create interest amongst members of the staff of the company, who are thus given a chance to become "special directors" in due course.

The experiment has already created interest in other quarters, with companies and organisations, it is stated, inquiring for details of the plan and its objects. With the increasing complexity and scope of many of our leading industrial concerns, this new development may do much to help achieve efficiency in the reorganisation of industry after the war.

## The Rubber Situation

THE Combined Raw Materials Board has appealed in Washington for augmented production from all rubber-growing areas, and for more strenuous conservation efforts in all the United Nations. It warns that the over-all rubber problem is far from solved, and that the Allied Nations' stocks of crude rubber are now at their lowest since the start of the war.

A sharp distinction is made between the synthetic rubber programme in the United States and the continuing shortage of natural rubber. The natural product is still being used faster than it is being imported. Substantial supplies of natural rubber are indispensable in the manufacture of extra-heavy lorry, bus, and aeroplane tyres; these tyres are now in critical demand.

In Ceylon, the largest single present source of crude rubber for the United Nations, exports have been raised to nearly double the pre-war figure, and more than two-thirds of the 1944 output is being shipped to the United States under reverse Lend-Lease. Unfortunately, unfavourable weather has eliminated the further increase expected this year, while less favourable reports are also coming from the wild rubber areas of South America and Africa. It is imperative to maintain and, if possible, increase these supplies. Difficulties created by the less favourable supply pr pects have been aggravated by new, urge demands from France, Belgium, and oth parts of liberated Europe. These countr must have some natural, as well as sy thetic rubber, in order to start again t production of goods desperately need for local rehabilitation.

The Board is careful to insist that t disaster of a rubberless economy has so been avoided, and it believes that, throu increased efforts in production and throu the utmost saving of crude rubber, a de cate balance between supply of and d mand for the natural product can attained in 1945. Such a balance h however, not yet been achieved, and, u less it is, stocks will continue to decli dangerously. The need for rubber co servation remains so great that the chang over from natural to synthetic rubber being pressed, not merely in the Unit States and Great Britain, but in oth important consuming countries.

## Proprietaries in South Africa

"SOUTH AFRICA lags far behind oth countries in its attitude towards proprieta and so-called 'patent' and 'Dutch' med cines," declared Dr. N. Sapeika (lectur in pharmacology, University of Ca Town) addressing the Cape Medico-Leg Society recently. He made the comme that the "Dutch" medicines are peculi to South Africa. He went on to urge th legislative action, which controlled irreg lar medical practice by doctors, shoul also control unqualified persons who so secret remedies and treated cases witho examination, sometimes even by corr spondence. The professional training a privileges of pharmacists in compoundi and dispensing had to a large extent bee reduced to a matter of wrapping up so highly advertised preparation and th was an undesirable social developmen Another danger was the possibility spreading contagious diseases by peop who imagined they had cured themselve Sale of such drugs as morphine and cocai was restricted by law, but there were man other drugs which might lead to a hab and these should also be controlled.

# NON-EDIBLE VEGETABLE OILS

by E. F. Hurt (National Diploma in Dairying)

a previous article (*C. & D.*, November 18, 537) the principal edible vegetable oils re described. This article deals with the up of non-edible oils.

RAPE-SEED.—Rape-seed oil, extracted m the seeds of *Brassica napus*, var. *fera*, a member of the cabbage family, widely known as colza oil. While rape be grown in many countries, for its oil is chiefly cultivated on the Continent. e contents of the seed vary from 30–45 cent. of oil, the higher percentage being tained from the "winter" varieties. At time it was largely grown in our own n districts, as the crop is particularly table to peaty soil, though little attention s paid to its oil content. The yield per re is comparatively small and, even under atment, it is not a high-class feeding oil.

LINSEED.—While linseed oil has been d to some extent as food in Russia, land, and some other countries, and the idue, after crushing, forms a most luable cake for livestock, it is chiefly for drying oil that linseed is of commercial lue. Both seed and oil were imported o Britain from such countries as the gentine, United States, etc. The comratively low seed yield—about 17 cwt. r acre—makes it hardly the most econocal oilseed crop for cultivation here. ld-pressing of the seeds yields a golden of the variety used for edible purposes some countries. The maximum oil pression is obtained under heat treatent, but the product is brownish and rbid. Various processes are employed different uses, such as varnish and tists' oil. Commercial oil is distinguished its rather disagreeable sharp taste and ell. By saponification it yields a number fatty acids. When boiled, linseed oil, ing increased as to resinification factor, a rapid-drying oil, the drying-time being ually reckoned at about thirty hours. oth raw and boiled linseed oils are imrtant in the preparation of oil paints d varnishes, the latter having various yers added. Linseed oil is also, of course, principal ingredient in printing and hographic inks.

TUNG.—Before the war tung oil, today e of the foremost drying oils, was chiefly ported from China, Japan, Mexico, the st Indies, Brazil and the United States. e seeds from which the oil is derived are e product of the tung tree which, for mmercial oil production, requires a hot climate. Paints made from tung oil have a high water-resistance, and the oil is valuable for insulating and other purposes.

OITICICA.—The oiticica tree is a native of Brazil, and the recent discovery of the value of the oil, existing as 50 per cent. of the seed, has given that country a new industry. In value and uses it is comparable to tung oil, though it has the drawback of a disagreeable odour. The oil yield, however, appears to be greater than that of tungseed.

COCONUT.—Produced from copra, the dried broken kernel of the coconut, this oil has been chiefly obtained from Malaya, Fiji, Papua and the mandated territory of New Guinea. Although the coconut palm is indigenous to many countries, including the West Indies and tropical America, it reaches its maximum vigour in the former-mentioned areas, though huge plantations also exist in Ceylon. The oil, a white solid substance at ordinary temperatures, with a mild taste but rather disagreeable smell, due to its volatile fatty acids, is separated, by treatment, into liquid and solid portions, the latter known as coco-stearin, and largely used for wax candles. The finer oils are used for soaps, etc. From the residues after oil extraction valuable feeding-cakes and meals are produced. The oil must not, of course, be confused with cocoa oil or cocoa butter, obtained from *Theobroma Cacao*, from which cocoa is obtained.

Numerous other vegetable oils, including castor bean, perilla, etc., are used, but all have less importance than the foregoing. Most vegetable oils need considerable refining, and many require bleaching, as most have a natural greenish tinge. Olive oil, however, is allowed to retain its natural colour, and the deep yellow colour of palm oil is permitted to remain to improve the colour of margarines. Different methods of bleaching are used, but the chief utilise fuller's earth or animal charcoal. In the same way, many oils must be deodorised to render them palatable or free them from overriding taste.

(*To be continued*)

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**Penicillin at 9d. per oz.**—A claim is made by Mr. Thomas Mason, Billingham-on-Tees, that he has discovered a method of producing penicillin at approximately 9d. per oz. The apparatus has been provisionally patented, and the process involves the use of cornflour, wheat, bran and water as a culture medium.

# LIVERPOOL DISCUSSES CONFERENCE REPORTS

REPRESENTATIVES of the Liverpool Branch of the Pharmaceutical Society at the meeting of Branch Representatives in London on November 2, gave their reports at a well-attended joint meeting of the Branch in Liverpool on November 23. Alderman W. J. Tristram, J.P., presided.

### Election or Appointment?

The three main speakers were Messrs. A. E. Briggs, W. E. Humphreys and J. P. Murphy. MR. HUMPHREYS called it the negation of democratic principle that the members of the Pharmacy Board should be appointed, not elected, but they would be able to assert more power if appointed than if responsible to an electorate.

MR. G. L. HIRST stressed that there was more in pharmacy than dispensing prescriptions. Was it intended that qualified pharmacists should not be able to open pharmacies without the consent of bureaucratic officials? THE CHAIRMAN: The Pharmacy Board could not prevent anyone opening a pharmacy, but would have the power to withhold National Health Service dispensing. Replying to another questioner, who wanted to know whether the primary consideration was adequate remuneration for the pharmacist or service to the public, he said that, in the whole set-up, the interests of the patient would come first. It had to be recognised that the promiscuous opening of new premises might mean that neither the existing nor the new pharmacies would be able to give a full or remunerative service. Until it was known what service was needed, it could not be stated what the remuneration should be.

### Companies Criticised

MR. J. P. MURPHY dealt with health centres, dispensing in which, he said, would militate against the convenience of the patient for diagnosis and obtaining treatment. He was of opinion that the big company shops had not put back into pharmacy all that they had taken from it. The emergence of trade unions into pharmacy was a form of power politics, he declared.

MR. G. L. CLUBB remarked that every conference he had attended left him with a feeling of frustration. The executive examined all resolutions. Those they considered harmless were passed, and others they thought dangerous were stopped or discouraged, by turning on the "big guns" of the Society. Had there been any definite intimation from the Ministry of what wa in its mind on pharmaceutical service an remuneration? THE CHAIRMAN: We hav not had any negotiations for some time because we first wanted to get the pla approved by conference. I think there wi be something moving now. The loca Pharmacy Board would be elected.

MR. QUAYLE, Wallasey, thought ther should be a retaining fee for pharmacists plus contractual remuneration for wor done. There had been far too much isolatio between two important interlocking bodie —the doctors and the chemists. MR. E. A BRIGGS said there had been no mention o a retention fee, but this had been stresse at the conference. It had been pointed ou that the amount of dispensing unde N.H.S. would increase by 50 per cent., an perhaps be doubled. Such increased dis pensing would compensate for the loss o ordinary business.

### Self-medication in the Future

Reference having been made to self medication, THE CHAIRMAN said he did no think, when the new service was introduced the Government would allow widespread advertisement of proprietary medicines MR. G. L. CLUBB: Do you think the news papers will allow the Government to diver such a large part of their revenue?

MR. J. H. ANDREWS asked if consideratio had been given to equal pay for women an men pharmacists. MR. BRIGGS replied tha this had been discussed and turned down It was really an N.P.U. matter.

MR. L. MORETON-PARRY hoped that i any plans for the future the "wretche system" of crowds of waiting people i doctors' surgeries and other places woul be avoided. Means must be found to d away with people having to wait a long time

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**Organising Factory Offices.**—With th approval of the Ministry of Production, th British Standards Institution has produce and published a 64-page booklet, wit additional chart, on "Office Organisatio and Practice." The booklet is based upo a draft prepared by a committee of th Office Management Association, and deal with system-planning, forms, office mach inery, training of personnel, typing an filing, and many other topics germane t the comprehensive and important subjec under consideration. Copies, price 2s. 6d. post free, may be bought from the Insti tution at 28 Victoria Street, London, S.W.1

# ULSTER CHEMISTS' ASSOCIATION

ADEQUATE remuneration to chemists for pensing under the National Health urance scheme was severely criticised the annual meeting of the Ulster Che- sts' Association held in Belfast on vember 22. The executive committee s instructed to take a referendum from mbers on whether notice to terminate agreements should be given to the nistry of Labour if an increase was not thcoming. Another principal topic was action of the Ulster Ministry of Health l Local Government in appointing a alth Advisory Council which did not lude a single practising chemist. It was ided to protest against this action, and request that at least two chemists should appointed. The proposed new medical nefit scheme, as outlined in the British nite Paper, was also discussed, and THE ESIDENT (Mr. H. P. Crossin, Belfast) phasised that dispensing must be re- ved to pharmacists and carried out at ir premises for adequate payment.

### H.I. Remuneration

On the question of N.H.I. dispensing, . W. H. MACARTNEY, Belfast, said sent remuneration was totally inade- ate. The Ministry of Labour could ays produce an excuse for not agreeing an increase, and drastic action should taken to let the Ministry know that mists were entirely dissatisfied with sent payments. MR. J. MCKENNA, nagh, said that a tremendous number prescriptions were being made up by tors, and he thought legislation should introduced in any new scheme to ensure t a doctor should employ a chemist if was going to do his own panel dispensing. knew of a doctor eight miles from a town o would not write out a prescription, pite the fact that many of his patients rked in town and could get prescriptions de up by a chemist. THE PRESIDENT d a request for an increase was being warded to the British Ministry by the tional Pharmaceutical Union. A number members referred to the practice of scribing 16-oz. double-strength mixtures; e stated he had had a 40-oz. mixture with wo-teaspoonful dose. Reference to the gth of time required to prepare certain scriptions, and the losses incurred ough pilfering of imported drugs, was o made, and it was decided to approach Ministry again when the result of the erendum was known.

### Health Advisory Council

Referring to the Health Advisory Council, THE PRESIDENT said a request by the Association for representation on it had been turned down by the Ministry of Health, and on the Association's behalf he wanted to register the strongest possible protest. MR. H. F. MOORE, Belfast, said the Pharmaceutical Society had not been consulted by the Ministry. There was on the Council a pharmaceutical chemist who had not practised for thirty years and, while they did not object to his inclusion, they thought that at least two practising men should be members. It was not right that a professional body of men should be treated with such discourtesy, and he moved that the Association should register an emphatic protest, and demand representation by at least two of their members. THE PRESIDENT seconded, and the resolution was passed unanimously.

### Report and Financial Statement

The annual report was adopted on the motion of THE PRESIDENT, seconded by MR. C. A. THOMPSON, Lisburn. Presenting the financial statement, MR. W. J. RANKIN (treasurer) said there were no outstanding subscriptions. The Association had a balance in the bank of £86, against £111 at the beginning of the year, but the accounts contained non-recurring items of expenditure totalling about £108. MR. RANKIN proposed the adoption of the statement, and the motion was seconded by MR. J. A. MCROBERTS, Belfast, and supported by MR. JOSEPH WELLWOOD, Belfast (auditors). On the motion of MR. RANKIN, seconded by MR. E. ALLEN, Holywood, the basic annual subscription was fixed at 35s., and the subscription for registered druggists and branch shops at 17s. 6d., both amounts being inclusive of the annual subscription of 2s. 6d. to the Chemists' Friends Association. MR. JAMES MCDOWELL, Belfast, inquired if something could not be done about members who did not observe the regulations of the C.F. scheme, and THE SECRETARY replied they would be in a position to stop supplies to any chemist who infringed persistently. He thought the question of window shows was likely to be tightened up in the near future.

The committee was asked to make a regulation so that coding of prescriptions would be compulsory.

Proposing a vote of thanks to the president, MR. C. ABERNETHY (president,

Pharmaceutical Society of Northern Ireland) said they had had great presidents, but none had surpassed Mr. Crossin in work done. MR. A. STEEDE seconded and the vote was passed with acclamation.

### Committee

The following retiring members of the executive committee were re-elected: Messrs. C. Abernethy, E. J. Crawford, R. Gibson, T. A. Gibson, J. N. Hogg, R. McMullan, P. R. W. Shinner, and A. Steede; no new candidate had been nominated.

A vote of thanks to the committee was proposed by MR. A. E. A. DAVIS, Belfast, and seconded by MR. J. MCKENNA, Armagh; to the treasurer, auditors, and office staff (Mr. McClenahan and Miss J. Bridgett), by MR. A. E. JOHNSTON, seconded by MR. T. A. GIBSON.

THE PRESIDENT suggested that, in view of the difficulties their cross-channel friends had had during the previous twelve months, with the constant strain of flying bomb members should send from that meetin an expression of thanks to the Chemist Friends Association, National Pharma ceutical Union, Proprietary Articles Tra Association, and THE CHEMIST AND DRU GIST. They in Northern Ireland had bee extremely fortunate; since 1941 they ha been free of air raids. He proposed tha a letter should be sent to each of the orga isations he had mentioned, expressing the thanks for help given to members and t the drug trade generally, and their admir tion for the way in which they had carrie on under difficulties. He included, course, the English manufacturers an wholesalers. The proposition was receive with acclamation and agreed to.

MR. CROSSIN referred sympathetical to the illnesses of Messrs. John McDowe H. W. Gamble (chairman, Associate Section), W. J. McCutcheon (Parke, Dav & Co.'s representative), and D. Smile (representative of British Alkaloids, Ltd.)

# C.F. MANUFACTURERS' ANNUAL MEETING

THE ninth annual meeting of Chemists' Friends manufacturers was held in London on November 30, the president (Mr. F. J. Smith) in the chair. THE CHAIRMAN referred to the impending retirement of Mr. Charles Jephcott from Glaxo Laboratories, Ltd. He said that Glaxo Laboratories, Ltd., had been one of the first manufacturers to associate themselves with the C.F. movement, and that as Mr. Jephcott was now retiring from that company the Council wished to extend to him their best wishes for many years of health and happiness during the period of his retirement. MR. JEPHCOTT thanked the Council. The following items were then considered.

### Report of Council

THE CHAIRMAN summarised the annual report of the C.F. Council for the year ended September 30, and thanked persons, firms and organisations which had assisted the Council and the movement generally during the year under review. There was a discussion on further propaganda for the C.F., in which DR. S. BROOK (Westminster Laboratories, Ltd.), MR. E. PRESTON (Glaxo Laboratories, Ltd.), and MR. T. HESELTINE (vice-president) took part.

THE CHAIRMAN referred to the registration of the Chemists' Friends Association as a Trade Union and drew the attention of manufacturers to the Constitution and Rules, which had been revised to meet the requirements of the Trade Union Act MR. T. M. PROUDFOOT (Savory & Moor Ltd.) suggested that two or three repr sentatives present did not know why suc registration was necessary and asked for suitable explanation, and THE CHAIRMA then called upon Mr. Mallinson to repl MR. MALLINSON stated that so long as t Association was neither a registered Trac Union nor a corporate body it could n enter into legal contracts and, as repr sentatives knew, their agreements ha been in the past contracted on behalf the C.F. Association by N.P.U., Ltd but the C.F.A. had grown to such an exte it was desirable that it should be in position to make its own contracts. addition, with the Association as a regi tered Trade Union, the Council would b free to undertake certain actions for t mutual protection of the different section

### Manufacturer Representatives to Council

It was explained that the election C.F. manufacturer representatives to t C.F. Council usually took place at t meeting, but, owing to the new Constitutio and Rules coming into operation on Januar 1, it was necessary to defer that electio until the new rules came into force.

Notes prepared by the C.F. Council f the guidance of manufacturers when su mitting applications for the inclusion products in the C.F. List were receive

l discussed. Mr. E. W. Godding (British loids, Ltd.) stated that during the past years the C.F. Council had adopted tain standards in regard to the admission products to the C.F. list. This repre- ted a development of policy which he ught had been generally regarded as ng both necessary and expedient— essary because any Association claiming be representative of manufacturers, olesalers, and retailers should have some ard for the public interest; expedient, cause it was obvious that, whatever pened, any Association which claimed have established a sound list of phar- ceutical products was likely to be in a ition to safeguard the interests of its mbers in a way that it would not be sible if it had concerned itself in purely mmercial activities. It was necessary avoid including products in the C.F. list ich, in the long run, might undermine value of the Association as a protective ly in regard to the manufacturers' erest. The rules which were before the eting, he said, were not just paper rules. ey had been evolved through the actual rking experience of the standards sub- mmittee and Council. The primary object s to establish a sound list of what had en described as household remedies or usehold products. He suggested that, manufacturers were wise enough to avoid ggerated and misleading claims, it ght well be possible to meet the require- nts of any restrictive legislation of the ure.

The Chairman stated that the standards ich had been evolved during the past ar had been one of the biggest things that e Association had attempted.

The meeting closed with a vote of thanks the chairman, proposed by Mr. T. eseltine, seconded by Mr. W. T. Elder, d supported by Mr. Proudfoot.

### ncheon

The annual luncheon of the Association as held prior to the meeting, under the airmanship of Mr. F. J. Smith, this year's esident. The speeches were opened by Mr. . B. Coulson (a member of the National harmaceutical Union Executive), who oposed "The Continued Success of the hemists' Friends Association." He ex- essed the thanks of the 9,000 retail embers of the N.P.U. for the many essings it had conferred upon them. r. F. J. Smith replied. "Our Guests and e Press" was proposed by Mr. T. Hesel- ne (a member of the C.F. Council), who appealed for unity amongst the many sections of the drug trade to meet post-war conditions. Alderman W. J. Tristram (chairman of the N.P.U. Executive) offered continued N.P.U. support. Mr. H. E. Chapman (secretary, Proprietary Articles Trade Association) replied.

## DRUG TARIFF ALTERATIONS

The following notice to chemists of alterations in the Drug Tariff, consequent on the introduction of the Seventh Addendum to the British Pharmacopœia, has been issued by the Ministry of Health:—

The Seventh Addendum to the British Pharmacopœia will be published on February 1, 1945. The Drug Tariff will accordingly be published for February 1 instead of for January 1, and will be brought into conformity with the new Addendum. The alterations entailed in the Drug Tariff look more formidable on paper than they will prove in practice. The most important alterations are in the ointment section. The Seventh Addendum finally disposes of the alternatives permitted by the announcements under the Sixth Addendum published on August 1, 1943. The ointments in the Drug Tariff which are affected are:—

Ung. acid. boric.—Reduced to 1 per cent. boric acid.

Ung. acid. salicyl.—Base is now ointment of wool alcohols.

Ung. alcohol. lanae.—Added to Tariff.

Ung. hydrarg. ammon.—2·5 per cent. in simple ointment.

(*Synonym:* Ung. hyd. am. dil.)

Ung. hydrarg. ammon. aquos.—1 per cent. in hydrous ointment.

Ung. zinc. oxid. aquos.—15 per cent. in hydrous ointment. Added to Tariff.

Ung. aquosum, B.P.—Ointment of Sixth Addendum on and after February 1, 1945.

The tablets of the Seventh Addendum make a rather extensive list, and a considerable number of tablets in the Tariff will, in consequence, rank as B.P. An alteration is involved in tab. sodii bicarb. co. since the official tablet contains no saccharin. Two tablets in the Drug Tariff, with doses higher than the official maximum, will be deleted, namely tab. hydrarg. subchlor., gr. 5, and tab. phenobarbiton., gr. 5. No other differences are involved among Drug Tariff tablets. Cremor sulphanilamid. et sulphathiazol. (National War Formulary Revision) will be added to the Tariff. The cream contains 3 per cent. of each sulphonamide in a base of glycerin, castor oil, Lanette wax and water. Ext. bellad. herbæ liq. is added to the Tariff; ung hyd. am. dil., B.P.C., is deleted.

# TRADE MARKS

(*From "The Trade Marks Journal," November* 15)

"TERCININ"; for industrial, scientific, photographic, agricultural chemicals, etc. (other than insecticides, etc.) (1). By Therapeutic Research Corporation of Great Britain, Ltd., 99 Aldwych, London, W.C.2. 629,870 (Associated).

"OPTIBON"; for synthetic resin plastics (industrial) (1). By I.C.I. (Plastics), Ltd., Wexham Road, Slough. 630,013 (Associated).

"FAIRTASY" (word imposed on flowered background); for toilet face powders (3). By Ashley & Weeks, Ltd., 165 Mitcham Road, London, S.W.17. B624,519.

"RAYBAR"; for all goods (3), and all goods (5), excluding emulsions for human use by internal administration to facilitate *x*-ray diagnosis. By Damancy & Co., Ltd., 41 High Street, Harrow-on-the-Hill, Middlesex. 626,363–64 (both Associated).

"TEPAK"; for detergents (3). By Technical Products, Ltd., 29 Great St. Helens, London, E.C.3. 629,185 (Associated).

"MAGITEX"; for shampoos for dogs (3). By Magitex Co., Inc., c/o F. B. Dehn & Co., Kingsway House, 103 Kingsway, London, W.C.2. 629,211.

"ALICE LORRAINE"; (facsimile signature) (3). By Matheson & Co. (also trading as Alice Lorraine), 85 Bruntsfield Place, Edinburgh. 630,086.

"GRISETTE" and "YACHTING"; for perfumery (3). By D. R. Collins, Ltd., 52 Brooks Mews, Davies Street, London, W.1. 630,234–35.

"ANIVO"; for perfumes, cosmetics, toilet preparations, mouth washes, etc. (3). By G. E. Williams, 43 Longshut Lane West, Stockport. 630,316.

"ESDEVITE"; for all goods (5). By Sharp & Dohme, Inc., c/o Boult, Wade & Tennant, 112 Hatton Garden, London, E.C.1. 625,895.

"SCRANA"; for corn remedies, and insect-destroying preparations (5). By J. Donaghy, Church Street, Ballymoney, Northern Ireland. 627,428.

"SANDERSON'S THROAT SPECIFIC"; for medicinal preparations for affections of the throat; and "SANDERSON'S COUGH LINCTUS"; for medicinal preparations for affections of the chest and lungs (5). By Sandersons (Chemists), Ltd., 40 Peter Street, Manchester, 2. B627,821–22 (both Associated).

"MICKRAFORM"; for pharmaceutical preparations; "MICRODINE" and "SULFADRINEX"; for sulphonamide compounds (5). By Smith, Kline & French Laboratories, c/o J. E. Evans-Jackson & Co., 49 Albert Hall Mansions, Kensington Gore, London, S.W.7. B629,670–72.

"SANISWAN"; for toilet paper, etc. (16). By Swan Mill Paper Co., Ltd., 92 Regent Street, London, W.1. 629,767 (Associated).

"FRENIDINE"; for pharmaceutical preparations (5). By J. W. Simpson (Chemist), Ltd., 43 Museum Street, London, W.C.1. 630,269.

"BENZELIA"; for pharmaceutical preparatio (human and veterinary); disinfectant weed killers, etc. (5). By Cellon Laboratorie Ltd., 380 Richmond Road, Kingston-o Thames. 630,174.

"PRESSULES"; for gelatin capsules containi a medical substance for human use (5). B E. Riley, 34 Norreys Road, Cumnor Hil Oxford. 630,098.

"REZICADE"; for pharmaceutical preparatio (5). By M. Servian, 18 Mill Street, Salisbur 630,361.

"CARBOLETTES"; for pharmaceutical prepar tions of carbolic or its derivatives (5). B Camden Chemical Co., Ltd., Northingt Street, London, W.C.1. B630,385.

"MONAPAK"; for collapsible metal tubes (6 By Universal Metal Products, Ltd., Langl Road, Pendleton, Salford, 6. 629,033.

"CLANG"; for photographic and optical instr ments and parts, etc. (9). By Clang, Lt Crown Yard, Cricklewood, London, N.W. 627,273 (Associated).

"DAYLIES"; for powder sprayers; perfu vaporisers, powder puffs (21). By A. Carus Sons, Ltd., Hoddlesden Mills, Johnson Roa Hoddlesden, Darwen, Lancs. B630,376.

"PHILISTAT"; for ultra-violet and infra-r apparatus and lamps, electro-therapeut instruments and apparatus, electric instr ments and apparatus; all being goods f surgical, medical, dental, or veterina purposes (10). By Philips Lamps, Lt Century House, Shaftesbury Avenue, Lo don, W.C.2. 628,460 (Associated).

"WILL O' WISP NYLONET" (device of fair (exclusive use of word "Nylonet" di claimed); for hair nets made of nylon (26 By S. May & Co., Ltd., 6, 7 and 9 Weekd Cross, Nottingham. 629,908 (Associated).

"STARBOARD BRAND" (device of liner wi words imposed thereon); for spices for fo (30). By W. L. Douglas and W. H. Batta bee, 12 Imber Park Road, Esher, Surre 630,236.

ABECEDIN.—At the Patent Office, Dublin, recent an application by H. R. Napp, Ltd., London, W.C.2, have the word "Abecedin" registered as a trade mark Eire for certain preparations and manufactured su stances, was granted by the Controller of Industr and Commercial Property. Applicants urged that th had been using the word in Eire for ten years, and th it had attained a certain goodwill in that country.

### APPLICATIONS AMENDED AFTER ADVERTISEMENT

According to "The Trade Marks Journal November 15, Specification No. B625,5 by Lewis (Import & Export), Ltd., shou be altered so as to read "Pharmaceutic and sanitary preparations, moth-destroyi preparations, disinfectants, but not includi disinfectants for seeds."

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**By the End of the Year.**—"Babies' tea manufactured this year will total 11,500,00 compared with 7,500,000 in 1943."—"Dai Telegraph."

# TRADE REPORT

**t quotations for pharmaceutical chemicals, crude drugs and essential oils represent prices for wholesale quantities of standard quality. C.i.f. quotations do not include rine war risk insurance and other abnormal charges payable in the present emergency**

## 28 Essex Street, W.C.2, December 6

ART from a fair amount of inquiry the rkets have remained quiet during the t week. Some demand has arisen for le drugs, probably on account of post- requirements, but in many instances items mentioned have long been out of k. PHARMACEUTICAL CHEMICALS are ving moderately well, with fair supplies nost products. No price changes have n notified.

### de Drugs

he Control of Agar (No. 2) Order, which e into operation on December 1, permits er prices for shredded and powdered AR, which could previously be sold only the strip price. Indian BELLADONNA F is firm and rather dearer; only a low-de ROOT is available. CLOVES and other es are steady, with the spot price of any ilable supplies firm. JABORANDI is now rce, most of the available parcels having n cleared. NUTMEG is firmer. RHUBARB tinues to sell slowly at the last-quoted e. There is no interest in imported DS, with market conditions dull and es unchanged. Dried and sliced SQUILL teady and unaltered. VALERIAN ROOT earer on spot.

### ential Oils

onditions in this section are again with- change. High prices continue to be ntioned for small lots of ANISE (STAR). glish distilled CLOVE and NUTMEG are ady and unchanged. As noted last week, STOR has been substantially reduced and PESEED advanced.

## Pharmaceutical Chemicals

SPIRIN.—Demand continues fair. Prices, in ntities of 28 lb.–1 cwt. (containers in ckets), are as follows: 4s. (1-lb); 3s. 10½d. b.); 3s. 9½d. (7-lb.); 3s. 9d. (14-lb.); 3s. . (28-lb.).

TROPINE.—Makers' quotations are steady he following rates per oz.: ALKALOID, B.P.— z., 35s.; 4 oz., 34s. 6d.; 25 oz., 34s. SUL- TE, B.P.—1 oz., 28s.; 4 oz., 27s. 6d.; 25 oz., . METHYL BROMIDE and METHYL NITRATE, z., 65s.

BARIUM SULPHATE, B.P. (*x*-ray).—Quoted at following rates per lb., in quantities of 28 lb.– wt. (containers in brackets): 1s. 5½d. (1-lb.); 1s. 4d. (4-lb.); 1s. 3d. (7-lb.); 1s. 2½d. (14-lb.); 1s. 2d. (28-lb.).

BORAX.—Makers' current rates are unchanged: B.P. quality, granulated, £42 per ton; crystal, £43; powder, £43 10s. Packed in one-cwt. bags, delivered carriage paid in Great Britain in one-ton lots and upwards. Commercial grades, £8 per ton less.

CAFFEINE.—Quantities of 7 lb.–28 lb. are quoted per lb. as follows (supplies subject to D.M.S. approval): ALKALOID, B.P., 34s.; CITRATE, 23s.; SODIUM BENZOATE, 23s.; SODIUM SALICYLATE, 23s. 9d. Tins extra when supplied.

CITRATES.—Makers quote POTASSIUM per lb., in 28-lb.–1 cwt. lots, as follows (containers in brackets): 3s. 3½d. (1-lb.); 3s. 2d. (4-lb.); 3s. 1d. (7-lb.); 3s. 0½d. (14-lb.); 3s. (28-lb.); IRON AND AMMONIUM (SCALES), B.P., is at 3d. per lb. above, and SODIUM is at 1d. per lb. below these prices; POTASSIUM and SODIUM POWDER, 1d. per lb. extra.

CODEINE.—Current prices per oz., for small lots, are as follows: PURE.—½ oz., 55s. 3d.; 1 oz., 52s. 9d.; 2 oz., 51s. 3d.; 3 oz., 50s. 6d.; 4 oz., 50s. 3d. HYDROCHLORIDE.—½ oz., 50s.; 1 oz., 47s. 6d.; 2 oz., 46s.; 3 oz., 45s. 3d.; 4 oz., 45s. PHOSPHATE.—½ oz., 43s. 9d.; 1 oz., 41s. 3d.; 2 oz., 39s. 9d.; 3 oz., 39s.; 4 oz., 38s. 9d.

DIAMORPHINE.—Current rates per oz., for small quantities, are as follows: PURE.—½ oz., 58s. 6d.; 1 oz., 56s.; 2 oz., 54s. 6d.; 3 oz., 53s. 9d.; 4 oz., 53s. 6d. HYDROCHLORIDE.—½ oz., 54s. 3d.; 1 oz., 51s. 9d.; 2 oz., 50s. 3d.; 3 oz., 49s. 6d.; 4 oz., 49s. 3d.

ETHYLMORPHINE.—Small quantities are quoted per oz. by makers as follows: PURE.—½ oz., 61s. 6d.; 1 oz., 59s.; 2 oz., 57s. 6d.; 3 oz., 56s. 9d.; 4 oz., 56s. 6d. HYDROCHLORIDE.—½ oz., 53s.; 1 oz., 50s. 6d.; 2 oz., 49s.; 3 oz., 48s. 3d.; 4 oz., 48s.

HOMATROPINE.—Makers' prices per oz. are as follows (prices per gram in brackets): ALKALOID.—1 oz., 97s. 6d.; 4 oz., 92s. 6d.; 16 oz., 87s. 6d. (6s.). HYDROCHLORIDE, HYDROBROMIDE and SULPHATE.—1 oz., 75s.; 4 oz., 70s.; 16 oz., 65s. (3s. 2d.).

MAGNESIUM TRISILICATE, B.P.—Home market prices per lb., for quantities of 28 lb.–1 cwt., are as follows (containers in brackets): 3s. 9d. (1-lb.); 3s. 7½d. (4-lb.); 3s. 6½d. (7-lb.); 3s. 6d. (14-lb.); 3s. 5½d. (28-lb.). Prices net one month.

MANDELATES.—Makers' quotations are unchanged. SODIUM AND CALCIUM.—4 oz., 8 oz., and 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb. (in 7-lb. packages), 16s. 9d.; 28 lb. (in 7-lb. packages), 15s. per lb. net. AMMONIUM (50 per cent. solution).—4 oz., 8 oz., and 1 lb., 11s. 9d. per lb.; 4 lb., 10s. 9½d.; 7 lb., 9s. 10d.; 14 lb. (in 7-lb. packages), 8s. 11½d., 28 lb. (in 7-lb. packages), 7s. 11d. per lb. net. Packages extra and returnable.

# Crude Drugs

AGAR.—The Ministry of Supply has made the Control of Agar (No. 2) Order, 1944 (S. R. & O., 1944, No. 1321) which provides higher maximum prices for agar and similar substances when they are in shred or powder form, and exempts exports from price control under the Control of Agar (No. 1) Order, 1943. The new prices are as follows: Shred, 32s. 6d. per lb.; powder, less than 60 mesh, 34s. 9d.; powder, 60 mesh or over but less than 80 mesh, 35s. 9d.; powder, 80 mesh and over, 38s. 9d. The Order came into force on December 1.

ARECA NUTS.—Wormy Ceylon may be obtained on spot at 90s. per cwt., ex store.

BALSAMS.—*Peru* is quoted at 7s. 9d. per lb., and *Canada* at 9s. 9d. to 10s. *Tolu* and *Copaiba* are unobtainable.

BELLADONNA.—Indian leaf is firm on spot at from 6s. 1d. to 6s. 3d. per lb., according to alkaloidal content. Some low-testing root (0·25 per cent.) is priced at 2s. 2d. per lb.

BENZOIN.—No spot supplies of Sumatra are available at present.

CARDAMOMS.—Aleppy greens on spot are quoted at 5s. 6d. per lb., Aleppy seed at 6s. 6d., and split seed at 5s. 6d.

CHAULMOOGRA.—*Hydnocarpus*, spot, 1s. 9d. per lb., in tins in cases.

CHILLIES.—The only variety available at present is Mombasa; price is steady at 110s. per cwt.

CLOVES.—Spot price of Zanzibar is unchanged at 1s. 4½d. per lb.

COLOCYNTH.—Little business passing at present; price is steady at 2s. 7½d. to 2s. 9d. per lb., according to holder.

DIGITALIS LEAVES.—No change has occurred in the price of Portuguese leaf at 140s. per cwt., or in that of the English leaf at 2s. 6d. per lb.

DRAGON'S BLOOD.—Some inquiry, but no spot supplies are available at present.

ERGOT.—Any available supplies of good-quality material would be worth 6s. 6d. per lb.

GUM ACACIA.—Spot price of Kordofan cleaned sorts is steady at 80s. per cwt.; bleached, spot, quoted at 185s; Talha, cleaned, 50s. per cwt., landed.

HENBANE.—Indian, 250s. per cwt.; Russian, 350s.; Egyptian (*muticus*), 75s. A parcel of low-testing Indian material is offered at 6d. per lb.

JABORANDI.—Spot price is steady at 52s. 6d. per cwt., but supplies are now scarce.

KAMALA.—Material with 6 per cent. ash is priced on spot at 2s. 6d. per lb.

MYRRH.—Aden sorts is firm at £20 per cwt.

NUTMEGS.—Firmer. West Indian, wormy and broken, spot, 1s. 6d. per lb.; sound unassorted, 1s. 8d.

NUX VOMICA.—Cochin, spot, steady at 42s. 6d. per cwt.; shipment, 35s. c.i.f.; Coconada seed, shipment, 32s. 6d. per cwt., c.i.f.

PAPAIN.—Good-testing Ceylon, spot, 8s. per lb.

PEPPER.—Maximum prices of whole pepper not picked over or cleaned, on sale to processors: 1s. 4d. per lb. for white and 1s. per lb. for black.

PIMENTO.—Spot sellers are quoting 1s. 3½d. per lb.

QUASSIA.—Current spot price is at 37s. 6d. to 40s. per cwt., according to quantity.

QUILLAIA BARK.—Crushed or cut, spot, 95s. per cwt.; natural, 80s.; shipment, 65s., c.i.f.

RHUBARB.—Selling slowly at unchanged prices. Rough-round, spot, 13s. per lb.

SEEDS.—Imported varieties are without quotable change on the week. Current rates are as follows: CORIANDER.—Indian, 75s. per cwt. CUMIN.—Maltese, spot, 105s.; Indian 100s. DILL.—90s., ex wharf. FENNEL.—Offered at 85s. FENUGREEK.—May be had at 80s. MUSTARD.—Controlled prices are unchanged.

SENNA.—Alexandrian medium pods are at 4s. per lb.; Tinnevelly, manufacturing grade 6d. to 6½d.; hand-picked, 8½d. to 1s.; broken Alexandrian leaves, 1s. 3d. to 1s. 4d.; sifting 1s. 2d.; Tinnevelly, No. 1, 9d. to 10½d.; No. 7d. to 7½d.; No. 3, 5½d. to 6d.

SQUILL.—Spot prices of Portuguese and Indian, dried and sliced, are unchanged at 75s. per cwt., and 60s. per cwt., respectively.

STRAMONIUM LEAVES.—East Indian leaves may be obtained from dealers at 80s. per cwt.

STROPHANTHUS SEED.—100 per cent. Kombé seed may be obtained on spot at 7s. to 7s. 6d. per lb., according to quantity.

TRAGACANTH.—Medium grades are quoted as follows: No. 1, white, £130 per cwt.; No. 2, white, £115; No. 3, white, £100; No. 4, white £85; pale leaf, £60; amber leaf, £50; dark amber, £40; brown leaf, £30; red-and-brown leaf, £25; red leaf, from £20; hoggy, £12 to £15.

TURMERIC.—Madras finger, sound quality, spot, 57s. 6d. per cwt.

VALERIAN ROOT.—Indian root is dearer on spot at 110s. per cwt.

WAXES.—BEES'.—Supplies continue to be available only through members of the Association of Merchant-Distributors of Beeswax, Ltd., at the following prices per cwt., delivered store U.K., effective from October 16, for trade lots: Madagascar crude, 205s. to 230s.; other sorts of crude, 238s. to 245s. (Calcutta sorts unavailable); British refined, 275s. to 305s.; British bleached slabs, 300s.; British bleached discs, 320s.; Lots of under one ton, at premiums as follows: 10–20 cwt., 2s. 6d. per cwt.; 5–10 cwt., 5s. per cwt.; 1–5 cwt., 10s. per cwt.; under 1 cwt., at premiums as arranged by Association members at their discretion. CARNAUBA.—Fatty grey, 465s. to 480s. per cwt., ex store, in minimum one-bag lots; shipment, 395s., c.i.f.; Primeira, 525s. to 535s. per cwt., ex store; shipment, 450s., c.i.f.; medium yellow, nominal; shipment, 440s., c.i.f.; chalky grey, nominal; shipment, 380s., c.i.f. (c.i.f. prices include ½ per cent. W.R.I.). CANDELILLA.—Under 1 ton, 220s. per cwt.; 1 tons, 217s. 6d.; 5 tons and over, 215s., ex store

## Essential and Expressed Oils

ANISE (STAR).—Small lots are reported to be ering at 160s. per lb.

CASTOR.—As noted last week, prices have en reduced. "Firsts" are officially quoted at 2 per ton, and "seconds" at £80, both naked works, in bulk lots.

CITRONELLA.—Ceylon, spot, about 21s. per ; Java, if available, 27s. 6d.

CLOVE.—English distillers' prices are un-nged at 12s. 6d. to 13s. per lb., according to antity.

COCONUT.—Refined deodorised is officially iced at £49 per ton, and refined hardened odorised at £53 for bulk supplies.

COTTONSEED.—Controlled prices for bulk pplies are as follows: Crude, £52 2s. 6d.; shed, £55 5s.; refined edible, £57; refined odorised, £58 per ton; all varieties quoted ked ex works.

EUCALYPTUS.—About 8s. per lb. would be nted for any available supplies of 70 to 75 per nt. oil.

LINSEED.—Crude is priced at £62 per ton, ked ex works, for bulk supplies.

NUTMEG.—English distillers quote 32s. 6d. r lb., with lower prices for quantities.

RAPESEED.—As noted last week, this oil s been advanced by £3 per ton. Official otation is now £88 per ton, naked ex works.

### sential Oils Control

IE following is a schedule of prices to users original packages for oils imported by the nistry of Food for distribution under the 44 programme:—

| | |
|---|---|
| Basil | 25s. 8d., plus duty, 2s. 3d. |
| Bergamot | 23s. 10½d. |
| Camphor | 2s. |
| Caraway | 20s. 9½d., plus duty, 1s. 10d. |
| Cedarwood | 3s. 8¼d., plus duty, 3¾d. |
| Clary sage | 129s. 1½d., plus duty, 11s. 6d. |
| Coriander | 128s. 10d., plus duty, 11s. 6d. |
| Fennel | 11s. 6d., plus duty, 1s. |
| Lemon, cold-pressed, or Sicilian | 17s. 4½d. |
| Lemon, distilled | 11s. 9d. |
| Lime | 47s. |
| Nutmeg | 22s. 8d., plus duty, 2s. |
| Orange, bitter | 18s. 6½d., plus duty, 1s. 7½d. |
| Orange, West African | 10s. 3d., plus duty, 10½d. |
| Peppermint | 37s. |
| Tangerine | 33s. |
| Vetivert | 38s. 4d., plus duty, 3s. 5d. |
| Wormseed | 15s. 3½d. |
| Ylang-ylang | 15s. 6½d., plus duty, 1s. 4d. |

## COMMERCIAL NOTES

**Brazilian Titanium Oxide Imports.**—Imports of titanium oxide into Brazil during 1943 were valued at $675,000.

**Argentine Imports.**—Chemical and pharmaceutical products imported into the Argentine during the first quarter of 1944 amounted to 18,391 tons, against 30,163 tons in the corresponding period of the previous year.

**Chilian Drug Imports.**—Drugs and pharmaceutical chemicals to the value of 21,689,680 pesos were imported into Chile during 1943. In the same period imports of medicinal specialities were valued at 19,419,464 pesos.

**Caffeine from Maté.**—A number of factories are reported to have been registered in Brazil for the extraction of caffeine from maté. Extraction is stated to be relatively simple, allowing a low selling price for the material.

**New Peruvian Insecticide.**—A new insecticide in powder form is being produced in Peru under the name of Babbini. The compound is intended for use against pests attacking the cotton plant. Ingredients are stated to be chilli pepper, sabadilla, arsenic and quicklime.

**Italian Merchandise Shipped to United States.**—The United States Foreign Economic Administration announced on November 1 that three shipments of Italian merchandise, valued at about $1,200,000, had arrived in the United States; they were consigned to the United States Commercial Co., subsidiary of the Foreign Economic Administration, which will dispose of them as agents for the Allied Commission in Italy. The shipments, by far the largest that have come from Italy since the arrival of the Allied troops, include materials listed as strategic imports. The War Production Board will direct the distribution of approximately 96,000 lb. of red squill and 224,000 lb. of argols. The War Food Administration will direct the distribution of 74,000 lb. of lemon oil and 20,000 lb. of cotton seed. Other imports will be distributed on an equitable basis among importers for disposal in the open market; included in these three shipments are 90,000 lb. of bergamot oil and 1,000 lb. of orange oil. Because of conditions in Italy, no private trade is possible at present. The funds obtained from the sale of the goods will be made available for the use of the Italian Government, under an agreement between that country and the United States.

# CORRESPONDENCE

**Correspondents may adopt an assumed name, but must in all cases furnish their real nam and address to the Editor**

## Eire Druggists' Council Representation

SIR,—Will somebody tell the Registered Druggists of Eire that their two representatives on the Council lost their seats at the recent election through lack of votes? Of the 378 R.D.'s on the register, only twenty-eight subscribe to the Society, the remainder, by not doing so, having no votes. I would suggest to these non-members that they send their subscriptions forthwith to the registrar, so that their two rejected candidates may go forward for election next year. In any case, they might as well get used to this annoying annual procedure for, under anticipated legislation, all qualified chemists, druggists and assistants on the register will be legally compelled to subscribe, those failing to do so being struck off.

Yours faithfully,

Dublin. ASSOCIATE DRUGGIST.

## Multi-dose Mixtures

SIR,—My attention has recently been drawn to four examples of the multi-dose prescription. Three were for 16-oz. mixtures with a one-drachm dose, and one for a 20-oz. mixture with a two-drachm dose. Members of the Pharmaceutical Standing Committee (Scotland) justly pride themselves that they have secured increases in dispensing fees from twopence in 1918 to sixpence in 1944, but is it an improvement to dispense for sixpence an eighty- or 128-dose prescription in 1944 against a twenty-four-dose prescription in 1918? A loophole in the 1919 agreement has been thoroughly exploited, to the grave disadvantage of the chemist. The Standing Committee states that the Department of Health for Scotland has investigated such prescribing and found it to be negligible. If this is true, there should be no objection to introducing a sliding scale of fees to protect the chemist from any exploitation. If, however, as many chemists suspect, multi-dose prescribing is being encouraged with the object of securing economy at the chemist's expense, then the Standing Committee should recognise that the situation calls for immediate action. In this matter the Scottish panel chemist is entitled to expect that the Standing Committee shall refuse to be deluded with excuses.

Yours faithfully,

Glasgow, S.W.1. J. M. WILLIAMSON.

## Dangerous Drugs in Dilutions

SIR,—We are acting for four chemists i Stirling who have been prosecuted (se p. 602) for failing to record in their Dan gerous Drugs Registers the supply of certai dangerous drugs under prescriptions writte by Dr. David Watson. At Stirling sheri court on November 27, after carefu consideration, we tendered a plea of guilt in the four cases. We explained to th Sheriff that all the offences concerned solution or dilution of salts of morphine c salts of cocaine in an inert substance. I none of the prescriptions was the percenta limitation for preparations, admixtures an so forth exceeded. But the omissions ha arisen from a failure to appreciate th morphine or cocaine and their salts a dangerous drugs not merely when th exceed the percentage proportions la down in the 1920 Act (and repeated in th 1932 Act), but also when they are dissolve or diluted *in any proportion* with an ine substance. It was possible that man chemists besides the accused did n appreciate that the Dangerous Drugs Ac 1932, had introduced this further restrictio regarding morphine and cocaine and the salts. The Sheriff deferred sentence in th four cases until January 11, 1945, an indicated that he might be able to take certain course if he were assured on th date that the provisions of the Dangero Drugs Act, 1932, Section 1 (1), par graph (*e*), had again been brought to th attention of the whole profession. W accordingly append hereto a note of th relevant paragraph and repeat that solution or dilution of morphine or cocai or their salts in an inert substance, wheth liquid or solid, *containing any proportion morphine or cocaine*, is in law a dangero drug.

> *Dangerous Drugs Act*, 1932, *Section* 1 (1) any solution or dilution of morphine cocaine or their salts in an inert substan whether liquid or solid, containing a proportion of morphine or cocaine, and a preparation, admixture, extract or other su stance (not being such a solution or diluti as aforesaid) containing not less than or fifth per cent. of morphine or one-tenth p cent. of cocaine or of ecgonine.

J. MILLER THOMSON & Co.
(solicitors to the Scottish Pharmaceuti Federation).

Edinburgh, 3.

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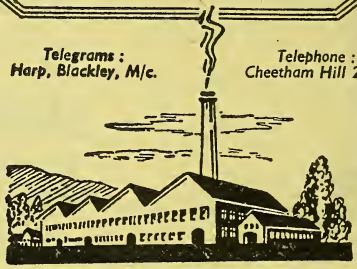

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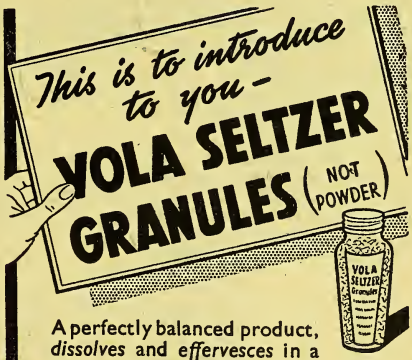


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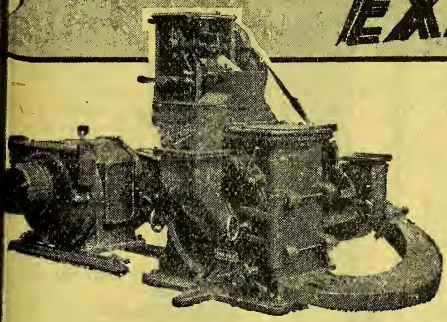

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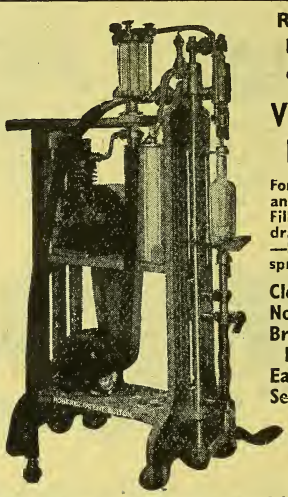

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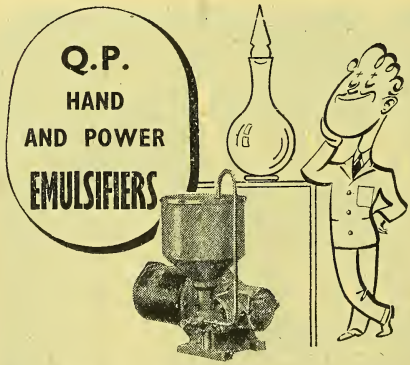


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This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

DECEMBER 9 1944


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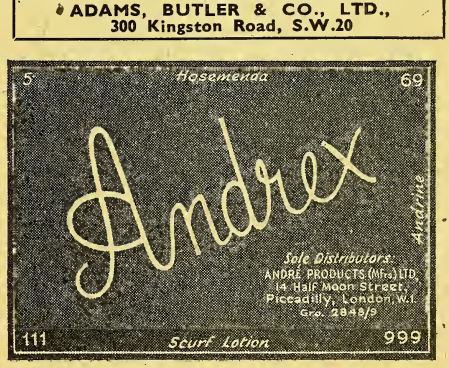

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CTIVE Representative having excellent existing connexion with Chemists in London, Middlesex Essex requires additional reputable lines. /205, C. & D. London Office.

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### SURREY COUNTY COUNCIL

ASSISTANT PHARMACISTS

KINGSTON COUNTY HOSPITAL, WOLVERTON AVENUE, KINGSTON-ON-THAMES. Must be M.P.S. or Ph.C. Salary grade, £250 × £10—£300 p.a. plus war bonus (19s. p.w. male, 15s. 6d. female). Permanent staff if female applicant. BOTLEYS PARK WAR HOSPITAL, CHERTSEY, and ST. HELIER COUNTY HOSPITAL, CARSHALTON. Salary as for Kingston. Temporary war-time appointments. All applications to Medical Superintendent of appropriate hospital.

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HILLIER, PARKER, MAY & ROWDEN, Surveyors and Valuers, 77 Grosvenor Street, W.1, have applications for several sound and progressive single-shop Businesses occupying premier trading positions in London and Provinces, or a Group Concern would be seriously considered. Owners contemplating sale or their solicitors are invited to write for further information to Hillier, Parker, May & Rowden, 77 Grosvenor Street, W.1.

NORTH-WEST London suburbs or outskirts. Wanted, Pharmacy with good Dispensing and busy Counter trade. Living accommodation essential. Reply in strict confidence to 589/201, C. & D. London Office.

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LONDON Manufacturers open to consider any new lines for post-war development, especially Food and Chemical Products; replies also invited from Patentees, Exporters, Importers, and Technical Experts generally. 589/188, C. & D. London Office.

MANUFACTURERS require to contact other company that could undertake the manufacture and packing of an antiseptic dusting powder, formula provided. Licence has been obtained and cartons can be provided. Weekly output must be in the region of 50–100 gross. The process entails use of modern sifting and grinding machinery. The above powder is manufactured and sold under a well-known Trade Mark, and for a reputable company the placing of a contract will be entertained with possibilities of continuation after the war. 589/197, C. & D. London Office.

SALES organisation with complete coverage United Kingdom and Eire prepared to market one or two non-competitive proprietaries. Principal has personal contact, wholesalers, multiples, co-operative societies, and all big buyers. Can act as consultant on any subject appertaining to marketing and packaging of all products. CDB/349, C. & D. London Office.

## WANTED

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AMPOULES. Wanted urgently by firm on Essential Work. Any quantity 1, 2 and 10 c.c. ampoules. Phone Langham 3744 or write Young, 95 Great Portland Street, London, W.1.

ASPIRIN Powder, Crystals, Tablets wanted by actual user. Highest market prices paid. 578/714, C. & D. London Office.

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AUTOMATIC Cream Filler wanted at once; big price paid. Shavex Co., Bavaria Road, Holloway, N.19.

CASH Registers, National, Remington and Gledhill. Wanted for spot cash. All sizes, age immaterial, any quantity entertained. Amalgamated Business Machines, Ltd., 64 Mortimer Street, Oxford Circus, W.1. Phone MUSeum 0941. Repairs, Sales, Exchanges, Supplies, Rolls, Ribbons, etc.

OVOFERRIN. Any quantity up to 2 doz. bottles required urgently. Lester, Chemist, 2 Market Place, Nuneaton.

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SPRINKLER Tops, metal or moulded, for 3 oz. and 6 oz. bottles wanted, any quantity. Send samples, with price, to Koko Maricopus Co., Ltd., 3 Fleet Lane, London, E.C.4.

WANTED. Jars, 1 oz–2 oz., for Creams. 589/199, C. & D. London Office.

WANTED, urgently, large quantity of 2-oz. Amber Jars (squats); also 1-oz. Medical Flats, and ¼ and ½ Whiskey (screw neck) Flasks; the lot to be clean. 589/185, C. & D. London Office.

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FOR Sale. 50–100 gross 1-oz. Squat Round Cle Bottles, fitted Rubber Stoppers; 17 lb. Anise Oil, Star, B.P.; White Technical Oil, drum. Wri Henshaw, M.P.S., 97 Clearmount Road, Weymout

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FIRMS of Manufacturers requiring Sales, a willing to offer good Agencies with good lin on good terms, should reply to this number; ente prise now and post-war the first idea. CDB/34 C. & D. London Office.

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